The Road Inventory of Tallahatchie National Wildlife Refuge

Grenada, MS

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Federal Highway Administration
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INTRODUCTION

The Transportation Equity Act for the 21st Century (Public Law 105-178) created the Refuge Roads Program. Refuge roads are those public roads that provide access to or within a unit of the National Wildlife Refuge System and for which title and maintenance responsibility is vested in the United States Government. Funds from the Highway Trust Fund are available for refuge roads and can be used by the station to pay the cost of:

(a) Maintenance and improvements of refuge roads.
(b) Maintenance and improvements of:
    (1) Adjacent vehicle parking areas
    (2) Provision for pedestrians and bicycles and
    (3) Construction and reconstruction of roadside rest areas that are located in or adjacent to wildlife refuges
(c) Administrative costs associated with such maintenance and improvements.

The funds available for refuge roads are to be disbursed based on the relative needs of the various refuges in the National Wildlife Refuge System, and taking into consideration:

(a) The comprehensive conservation plan for each refuge;
(b) The need for access as identified through land use planning; and
(c) The impact of land use planning on existing transportation facilities.

To determine the relative needs of the U.S. Fish and Wildlife Service, the Federal Highway Administration (FHWA) was asked to inventory all public access roads and parking lots and provide a condition assessment of each. In 2008 the inventory was expanded to include administrative (service use only) roads and parking lots. An FHWA representative meets with refuge personnel to identify route segments and assign route numbers and functional classifications (See Appendix) for each route. All roads and parking lots are mapped using Trimble GPS units and visually assessed for condition using the RSL method of evaluation developed at Utah State University (See Appendix). Culverts, Gates, Guardrails and Low Water Crossings are also mapped and inspected for any obvious defects.

An estimate is provided, in year 2008 dollars, based on the condition determined by the rating system. Estimates are based upon data and location factors from the 2008 RS Means Heavy Construction Cost Data 22nd Annual Edition. Cost estimates should be evaluated on a case-by-case basis when being used for programming purposes.

Native Surfaced roads and parking lots already inventoried will not be re-inventoried and will not appear individually in report chapters 5, 6 and 8. Mileages and areas of native surfaced roads and parking lots will still appear in all summaries in the report and will remain in the road inventory database. In addition to this report, the FHWA will furnish the condition ratings of each route and segment to the Fish and Wildlife Service in a Microsoft Access database so the data can be included in their Real Property Inventory.

Tallahatchie NWR

Summaries

Route Miles and Percentages by Functional Class and Condition

Condition Rating (Based on RSL)*

	Excellent		Good		Fair		Poor		Failed		TOTAL
F. C.	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES
I	1.18	37.5%	1.97	62.5%	0.00	0.0%	0.00	0.0%	0.00	0.0%	3.15
II	1.60	49.0%	1.67	51.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	3.27
III	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
IV	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
V	2.19	51.6%	2.06	48.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	4.24
Totals	**4.97**	**46.6%**	**5.69**	**53.4%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**10.66**

*For a description of condition ratings for the various surface types see the Appendix.

Route Miles and Percentages by Surface Type and Condition

Paved Condition Rating [Condition(RSL)]

	Excellent		Good		Fair		Poor		Failed		TOTAL
Surface	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES
AS	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
CO	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
Totals	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**

Unpaved Condition Rating [Condition(RSL)]

	Excellent		Good		Fair		Poor		Failed		TOTAL
Surface	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES
GR	4.97	46.6%	5.69	53.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	10.66
NA	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
PR	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00
Totals	4.97	**46.6%**	5.69	**53.4%**	0.00	**0.0%**	0.00	**0.0%**	0.00	**0.0%**	**10.66**

Square Footage (Parking Areas)

Condition Rating

	Excellent		Good		Fair		Poor		Failed		Total
	Square		Square		Square		Square		Square		Square
Surface	Feet	%	Feet	%	Feet	%	Feet	%	Feet	%	Feet
AS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
CO	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
GR	13006	13.9%	71547	76.3%	9189	9.8%	0	0.0%	0	0.0%	93742
NA	0	0.0%	28704	70.0%	12325	30.0%	0	0.0%	0	0.0%	41029
PR	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Totals	**13006**	**9.7%**	**100251**	**74.4%**	**21514**	**16.0%**	**0**	**0.0%**	**0**	**0.0%**	**134771**

Tallahatchie NWR
Summaries

Route Miles and Percentages by Use Type and Condition

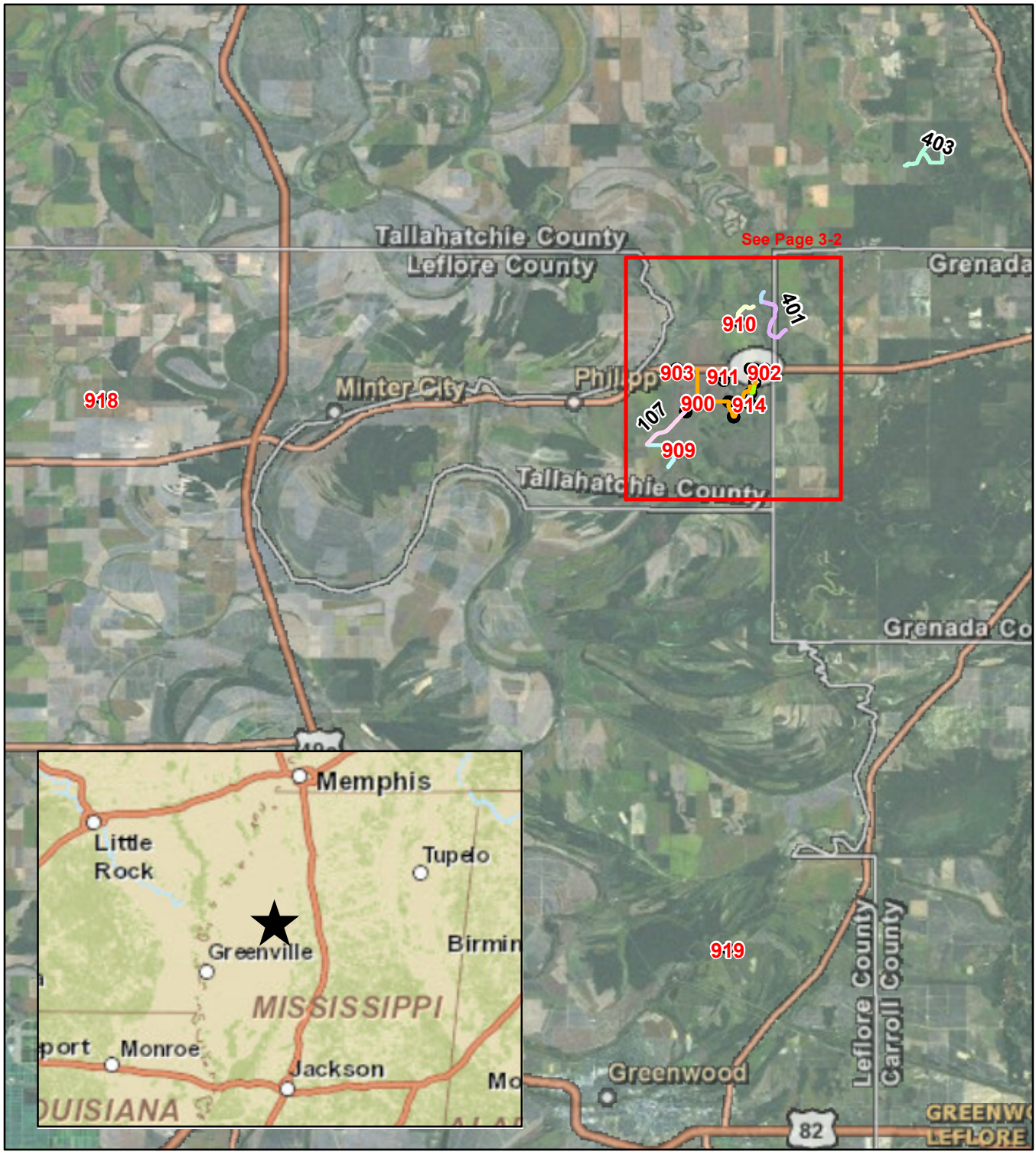
Road Condition Rating: Public/Administrative Use

USE TYPE	Excellent		Good		Fair		Poor		Failed		TOTAL MILES
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Public (FC I-III)	2.78	43.3%	3.64	56.7%	0.00	0.0%	0.00	0.0%	0.00	0.0%	6.42
Admin (FC IV-V)	2.19	51.6%	2.06	48.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	4.24
Totals	**4.97**	**46.6%**	**5.69**	**53.4%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**0.00**	**0.0%**	**10.66**

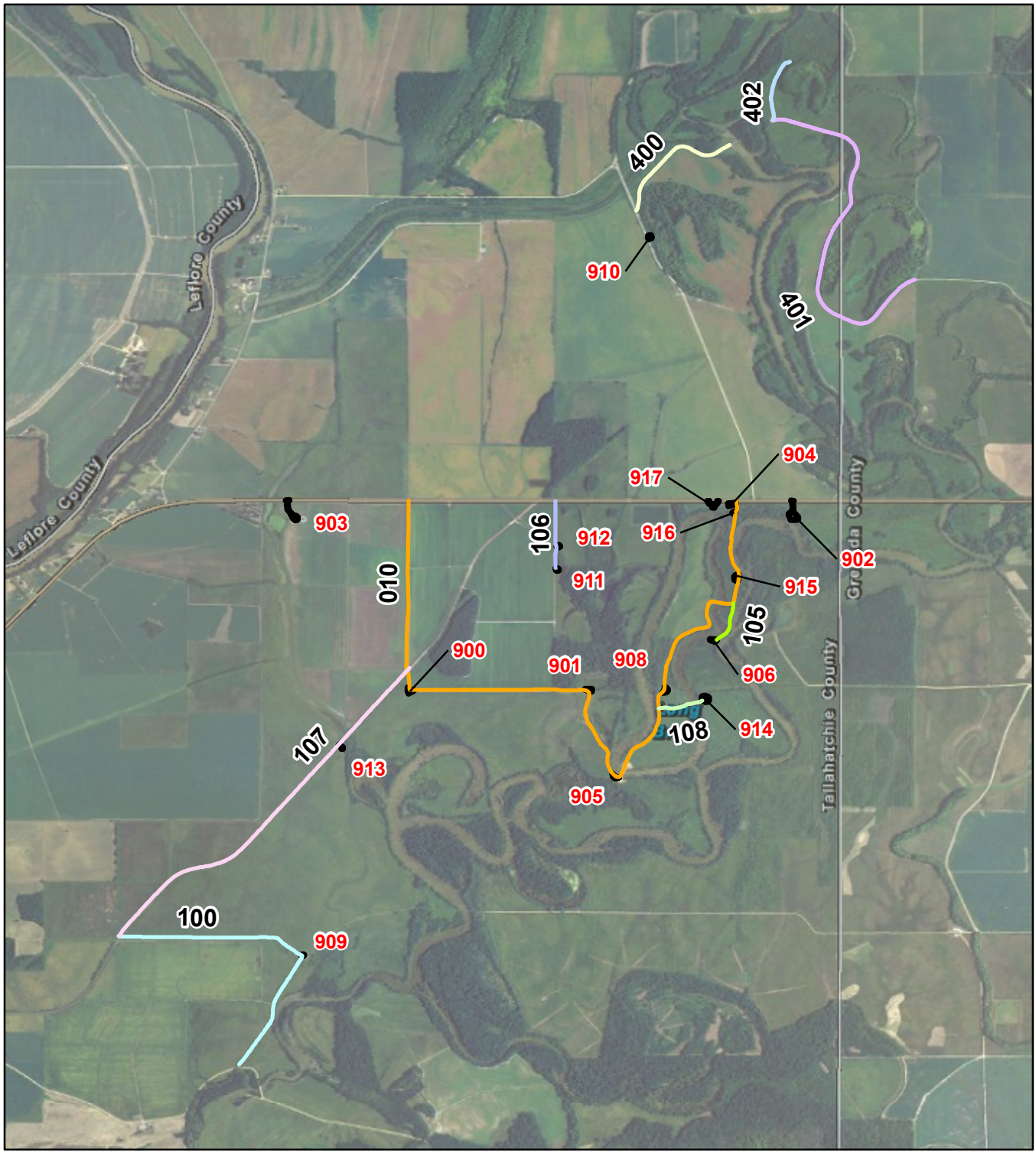
Parking Condition Rating: Public/Administrative Use

USE TYPE	Excellent		Good		Fair		Poor		Failed		Total Sq Ft
	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	Sq Ft	%	
Public	13006	9.7%	100251	74.4%	21514	16.0%	0	0.0%	0	0.0%	134771
Admin	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
Totals	**13006**	**9.7%**	**100251**	**74.4%**	**21514**	**16.0%**	**0**	**0.0%**	**0**	**0.0%**	**134771**

Tallahatchie NWR
ROUTE LOCATION MAP



Tallahatchie NWR
ROUTE LOCATION MAP



Tallahatchie - 43645 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
010	10044520	Horse Barn Loop	3.15	From State Highway 8 to State Highway 8	0.00	3.15	1	1
100	10044517	South Entrance Road	1.16	From Hayward Jack Road to Hayward Jack Road	0.00	1.16	1	2
105	10044520	Horse Barn Loop Cutoff	0.17	From Horse Barn Loop (Route 010) to Horse Barn Loop Cut Off Parking (Route 906)	0.00	0.17	1	2
106	10056989	Sayle Road	0.28	From State Highway 8 to Sayle Parking #2 (Route 911)	0.00	0.28	1	2
107	10044517	Dummy Line Road	1.51	From Horse Barn Loop (Route 010) to South Entrance Road (Route 100)	0.00	1.51	1	2
108		Cypress Road	0.16	From Horse Barn Loop (Route 010) to Cypress Parking (Route 914)	0.00	0.16	1	2
400	10044519	Corps Road	0.51	From Mabus Road to water control structure	0.00	0.51	1	5
401	10044521	Perkins Ridge Road	1.42	From Shaw Road to Tupelo Road (Route 402)	0.00	1.42	1	5
402		Tupelo Road	0.26	From Perkins Ridge Road (Route 401) to end of road	0.00	0.26	1	5
403	10056984	Walker Tract Access Road	2.06	From Bushy Creek Drive to end of loop	0.00	2.06	1	5

Tallahatchie - 43645 - ROUTE IDENTIFICATION LIST (PARKING)

Shading Color Key:

White = Paved Parking Lots
Green = Unpaved Parking Lots

RTE #	Asset Number	ROUTE NAME	RTE SQFT	ROUTE DESCRIPTION	PAVED SQFT	UNPAVED SQFT
900	10044522	Horse Barn Loop Parking #1	7,061		0	7,061
901	10044524	Horse Barn Loop Parking #2	5,775		0	5,775
902	10044526	State Route 8 Boat Ramp Parking	27,842		0	27,842
903	10049185	Grain Bin Parking	15,843		0	15,843
904	10049184	Horse Barn Loop Parking #6	7,405		0	7,405
905		Horse Barn Loop Parking #3	3,461		0	3,461
906		Horse Barn Loop Cutoff Parking	5,439		0	5,439
908		Horse Barn Loop Parking #5	7,594		0	7,594
909		South Entrance Parking #1	1,267		0	1,267
910	10061268	Boardwalk Parking	4,285		0	4,285
911		Sayle Parking #2	3,302		0	3,302
912		Sayle Parking #1	2,480		0	2,480
913		Tippo Trail North Parking	2,128		0	2,128
914		Cypress Parking	15,215		0	15,215
915		Horse Barn Loop Parking #8	9,425		0	9,425
916		Horse Barn Loop Parking #7	2,251		0	2,251
917	10061850	Fishing Pier parking	8,721		0	8,721
918		Gwin Tract Parking	1,633		0	1,633
919		Robertson Tract Parking	3,644		0	3,644

CHANGES TO THE FISH AND WILDLIFE SERVICE ROAD INVENTORY REPORT

Tallahatchie

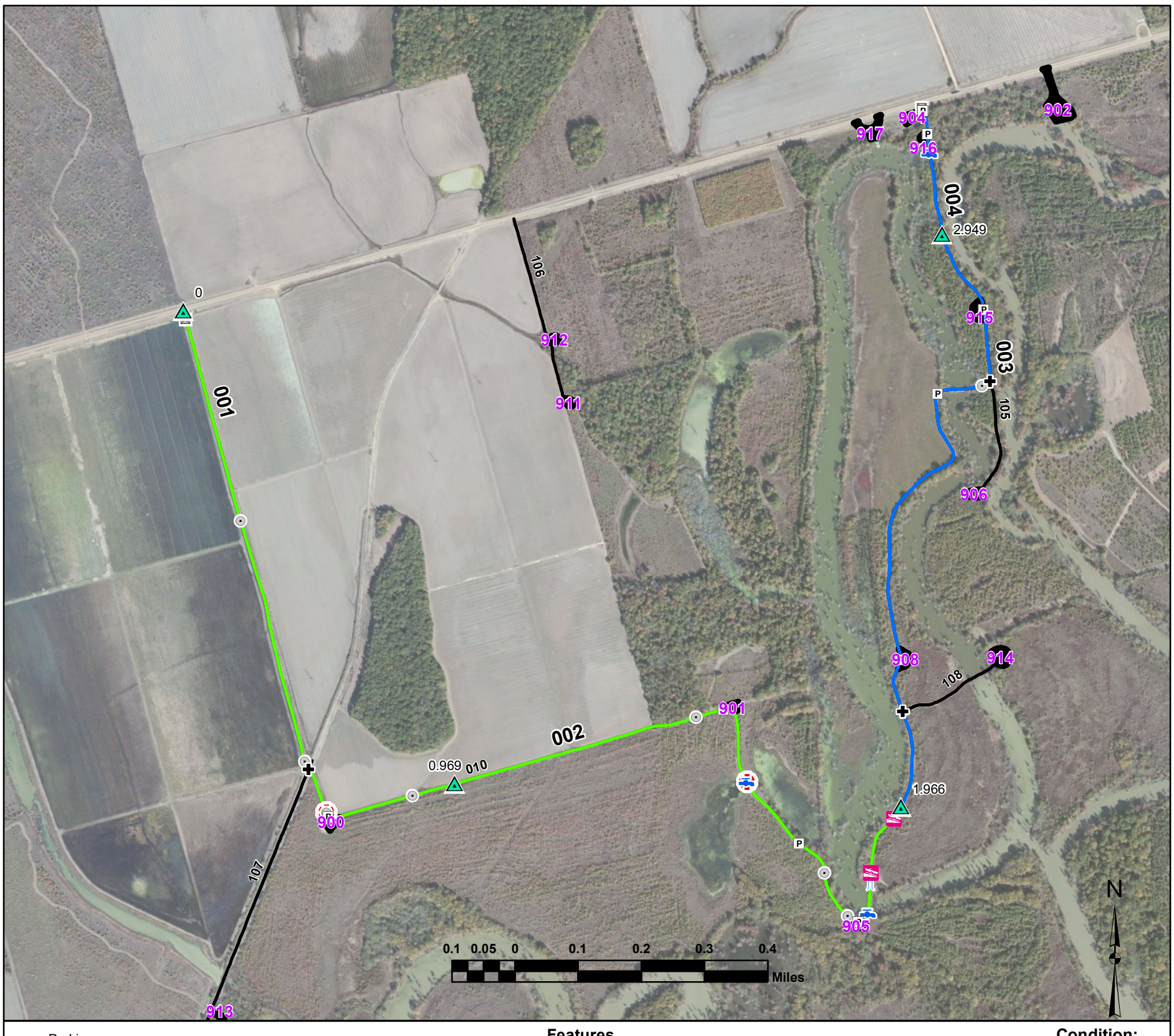
Routes added to previous inventory:		
Rte #	**Rte Name**	**Reason for Addition**
106	Sayle Road	New Public Route
108	Cypress Road	New Public Route
400	Corps Road	Administrative Route
401	Perkins Ridge Road	Administrative Route
402	Tupelo Road	Administrative Route
403	Walker Tract Access Road	Administrative Route
910	Boardwalk Parking	New Public Route
911	Sayle 2 Parking	New Public Route
912	Sayle 1 Parking	New Public Route
913	Tippo Trail North Parking	New Public Route
914	Cypress Parking	New Public Route
915	Horsebarn Loop Parking #8	New Public Route
916	Horsebarn Loop Parking #7	New Public Route
917	Fishing Pier parking	New Public Route
918	Gwin Tract Parking	New Public Route
919	Robertson Tract Parking	New Public Route

Routes removed from previous inventory:		
Rte #	**Rte Name**	**Reason for Removal**
907	Horsebarn Loop Parking #4	Closed

Routes modified from previous inventory:			
Rte #	**Rte Name**	**Type of Modification**	**Description of Modification**
100	South Entrance Road	Geometry Change	New GPS trace and re-sectioned to correct error made in cycle 3
105	Horsebarn Loop Cutoff	Name Change	Re-name for staff reference
107	Dummy Line Road	Name Change/Geometry Change	Re-name for staff reference and re-section to correct errors made in Cycle 3
906	Horsebarn Loop Cutoff Parking	Name Change	Re-named for staff reference
908	Horsebarn Loop Parking #5	Geometry Change	New GPS trace to correct error made in Cycle 3

Comments:

ROUTE 010



Parking
900
Other FWS roads

Gate
Admin Bldg
Begin Section
Boat Ramp
Guardrail
Fee Station
Visitor Center
Intersection
Obstacle

Features
Problem Area
Political Boundary
Railroad Xing
Other
Turnout/Parking
Bridge
Deficiency

Culvert
Low_Water_Crossing
Water_Control_Structure

Condition:
Excellent
Good
Fair
Poor
Failed

Horse Barn Loop

From State Highway 8 to State Highway 8

Route Number: 010

Total Route Mileage: 3.15

Asset Number	10044520	10044520	10044520	10044520	
Section Number	001	002	003	004	
Section Length (miles)	0.97	1.00	0.98	0.20	
Inspection Date	05-18-2011	05-18-2011	05-18-2011	05-18-2011	
Surface Type	Gravel	Gravel	Gravel	Gravel	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	14	12	14	14	
Condition	Good	Good	Excellent	Excellent	
Remaining Service Life (years)	7	7	8	8	
Estimated Cost to Repair	$1,400	$1,400	$0	$0	
Current Replacement Value	$598,300	$615,300	$607,100	$120,700	

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0	Culvert	002-1.69	Turnout/Parking	004-3.1		
Gate	001-0.01	Culvert	002-1.76	Turnout/Parking	004-3.13		
Culvert	001-0.31	Turnout/Parking	002-1.78	Gate	004-3.14		
Culvert	001-0.66	Water Control Structure	002-1.8				
Intersection	001-0.67	Low Water Crossing	002-1.85				
Culvert	001-0.74	Boat Ramp	002-1.86				
Deficiency Culvert	001-0.74	Boat Ramp	002-1.95				
Turnout/Parking	001-0.75	Begin Section	003-1.97				
Culvert	001-0.9	Intersection	003-2.11				
Begin Section	002-0.97	Turnout/Parking	003-2.19				
Culvert	002-1.37	Turnout/Parking	003-2.63				
Turnout/Parking	002-1.41	Culvert	003-2.71				
Deficiency Water_Control_Structure	002-1.53	Intersection	003-2.72				
Water Control Structure	002-1.53	Turnout/Parking	003-2.82				
Turnout/Parking	002-1.64	Begin Section	004-2.95				
		Water Control Structure	004-3.07				

South Entrance Road

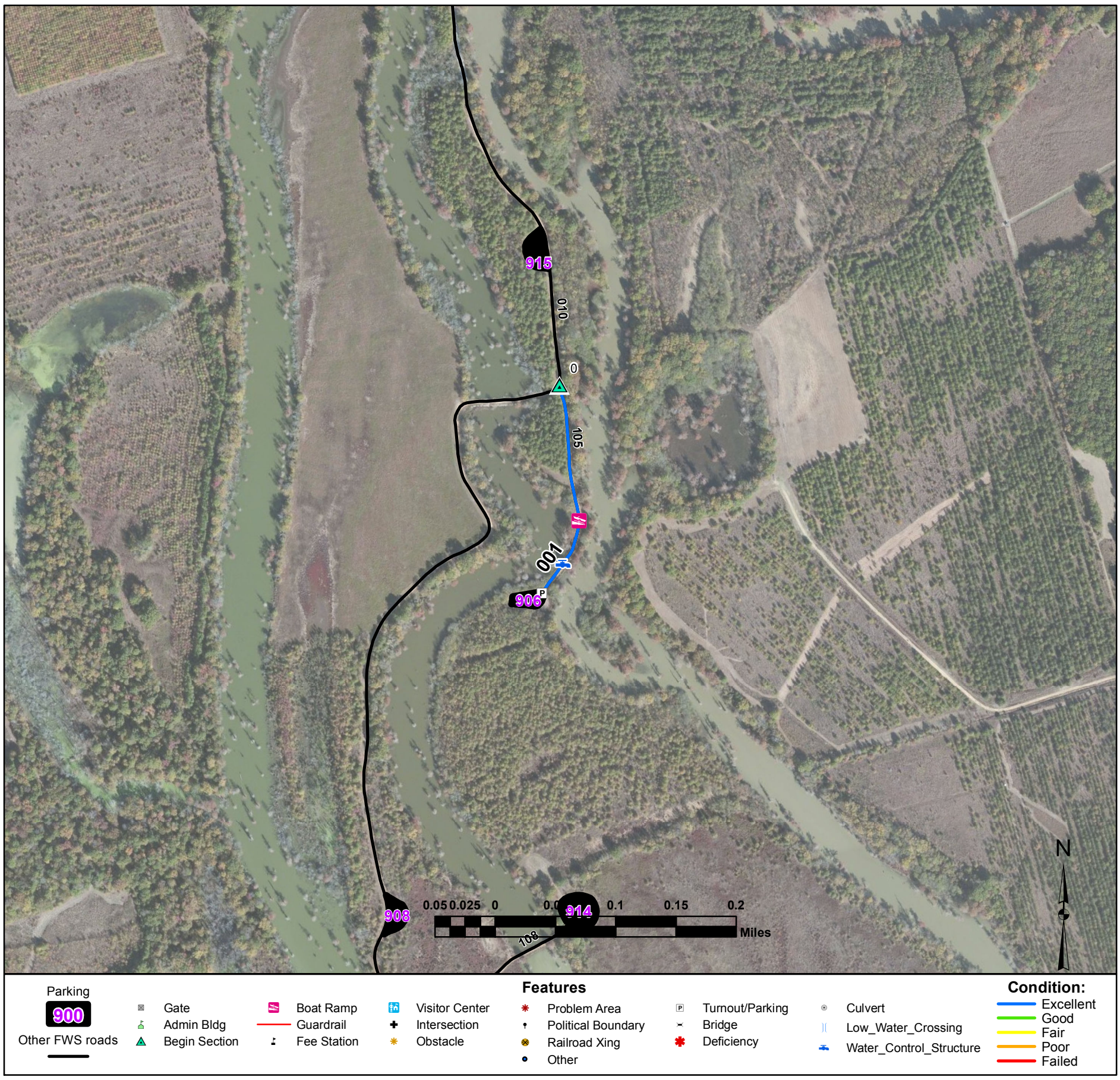
From Hayward Jack Road to Hayward Jack Road

Route Number: 100

Total Route Mileage: 1.16

Asset Number	10044517	10044517			
Section Number	001	002			
Section Length (miles)	0.96	0.20			
Inspection Date	05-18-2011	05-18-2011			
Surface Type	Gravel	Gravel			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
Condition	Excellent	Excellent			
Remaining Service Life (years)	8	8			
Estimated Cost to Repair	$0	$0			
Current Replacement Value	$592,600	$121,700			

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Culvert	001-0.01						
Culvert	001-0.12						
Turnout/Parking	001-0.52						
Culvert	001-0.55						
Culvert	001-0.66						
Turnout/Parking	001-0.68						
Culvert	001-0.71						
Begin Section	002-0.96						
Culvert	002-1.12						
Deficiency Culvert	002-1.12						
Gate	002-1.16						



Horse Barn Loop Cutoff

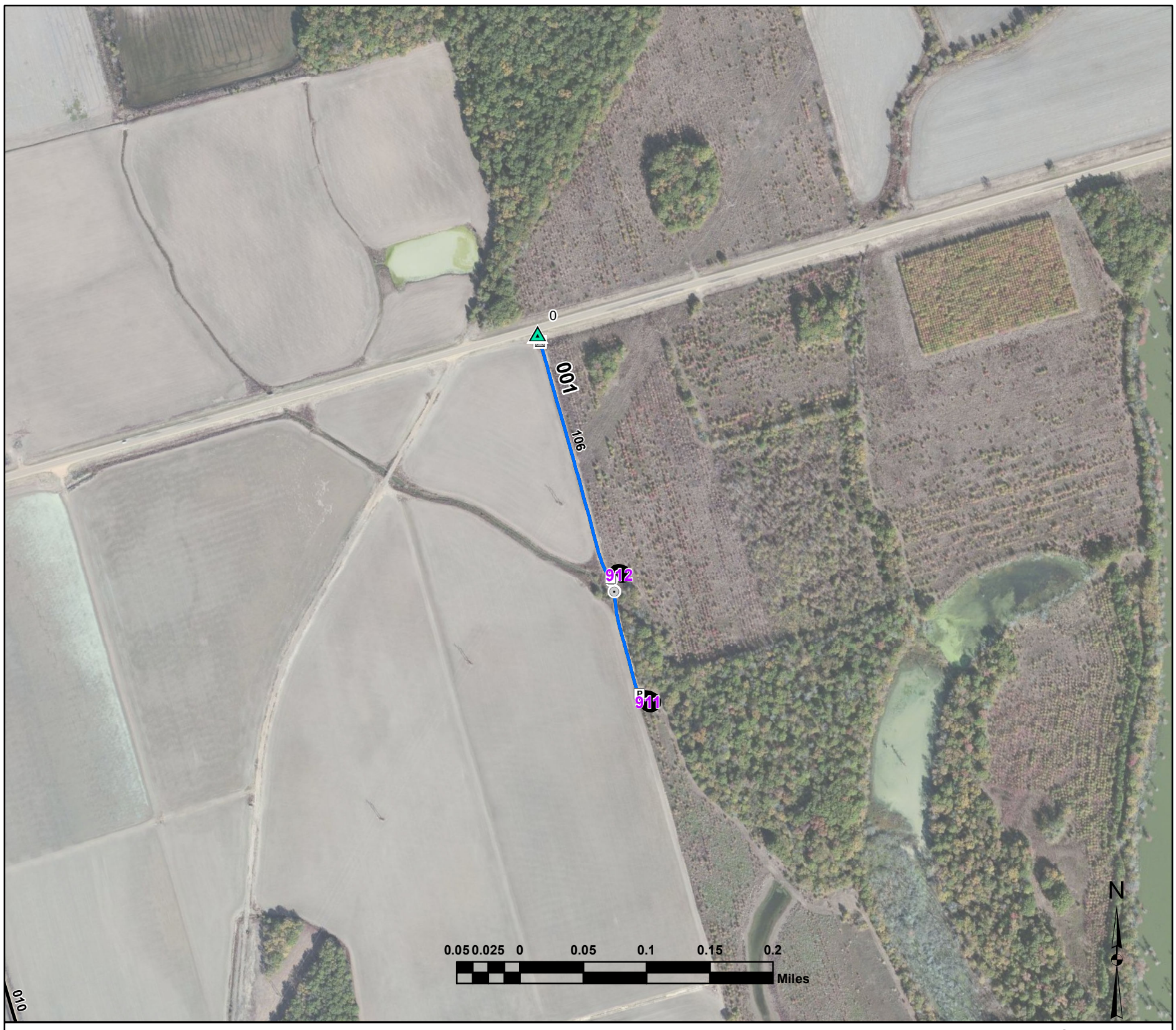
From Horse Barn Loop (Route 010) to Horse Barn Loop Cut Off Parking (Route 906)

Route Number: 105

Total Route Mileage: 0.17

Asset Number	10044520				
Section Number	001				
Section Length (miles)	0.17				
Inspection Date	05-18-2011				
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	14				
Condition	Excellent				
Remaining Service Life (years)	9				
Estimated Cost to Repair	$0				
Current Replacement Value	$105,000				

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Boat Ramp	001-0.1						
Water Control Structure	001-0.14						
Turnout/Parking	001-0.17						



Sayle Road

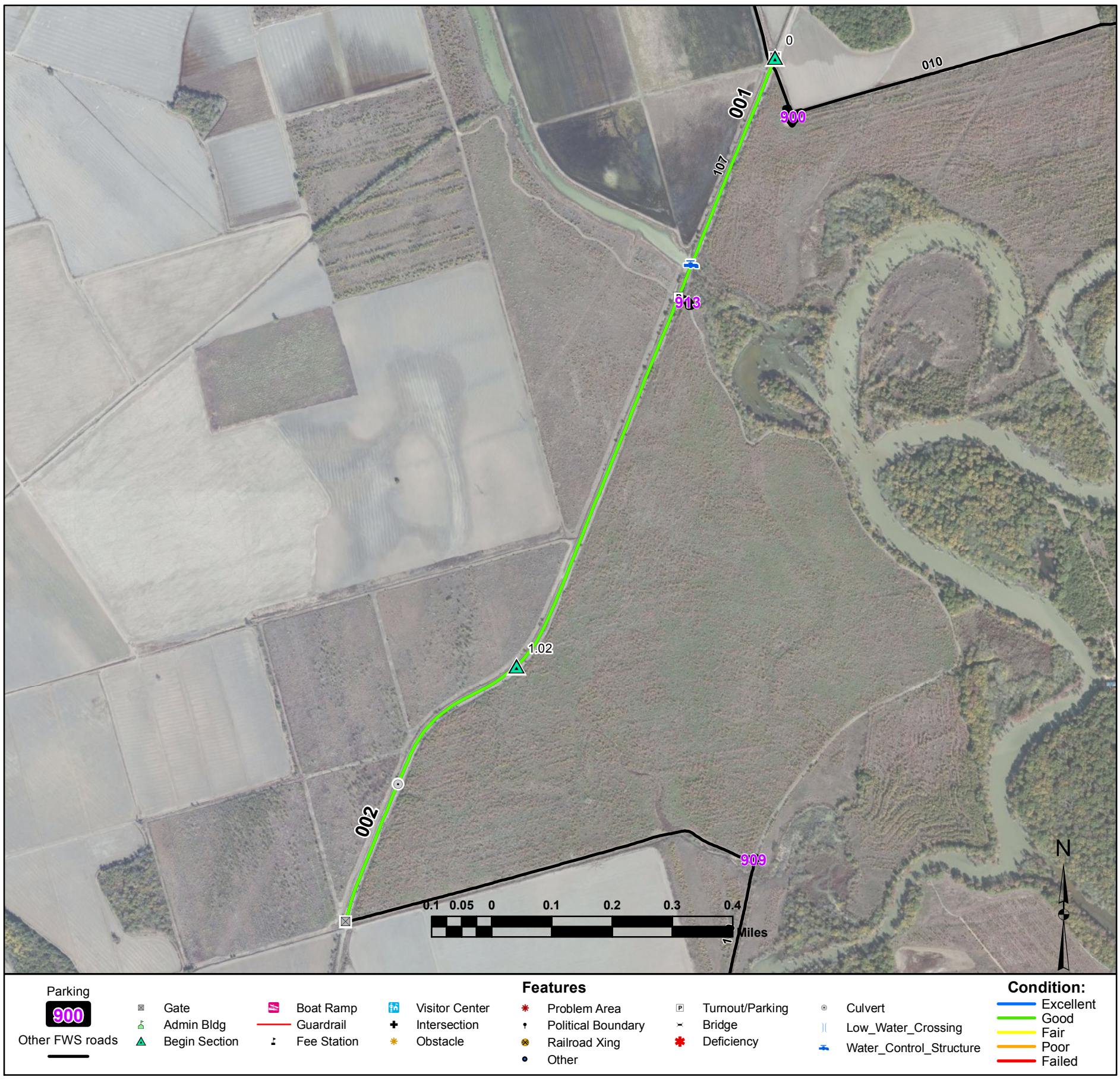
From State Highway 8 to Sayle Parking #2 (Route 911)

Route Number: 106

Total Route Mileage: 0.28

Asset Number	10056989				
Section Number	001				
Section Length (miles)	0.28				
Inspection Date	05-18-2011				
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	10				
Condition	Excellent				
Remaining Service Life (years)	9				
Estimated Cost to Repair	$0				
Current Replacement Value	$169,900				

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Gate	001-0.01						
Culvert	001-0.19						
Turnout/Parking	001-0.19						
Culvert	001-0.2						
Culvert	001-0.2						
Turnout/Parking	001-0.28						



Dummy Line Road

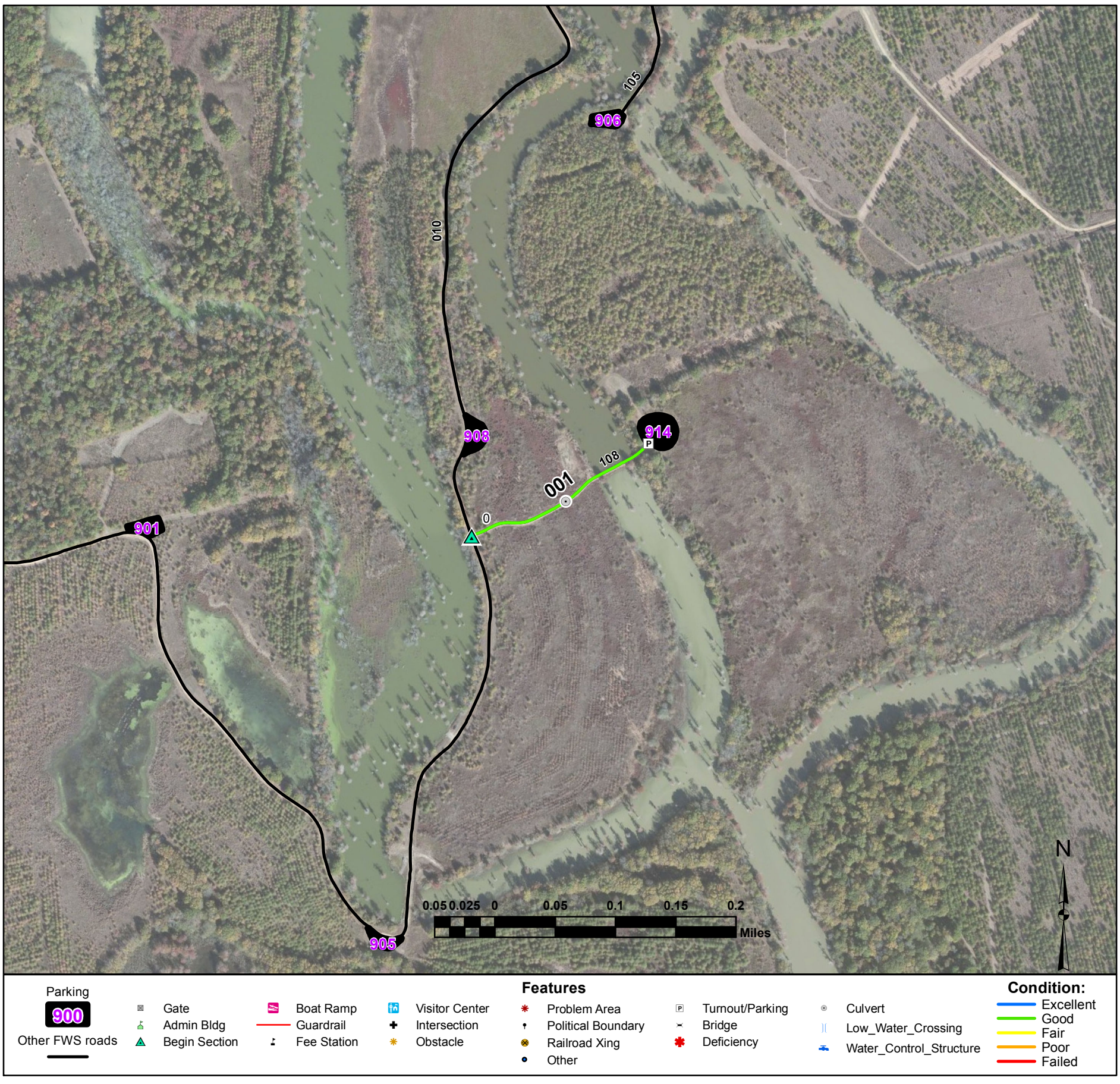
From Horse Barn Loop (Route 010) to South Entrance Road (Route 100)

Route Number: 107

Total Route Mileage: 1.51

Asset Number	10044517	10044517			
Section Number	001	002			
Section Length (miles)	1.02	0.49			
Inspection Date	05-18-2011	05-18-2011			
Surface Type	Gravel	Gravel			
Number of Lanes	1	1			
Roadway Width (feet)	14	14			
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Estimated Cost to Repair	$1,500	$700			
Current Replacement Value	$630,000	$304,500			

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Gate	001-0.0						
Water Control Structure	001-0.34						
Turnout/Parking	001-0.4						
Begin Section	002-1.02						
Culvert	002-1.3						
Gate	002-1.51						



Cypress Road

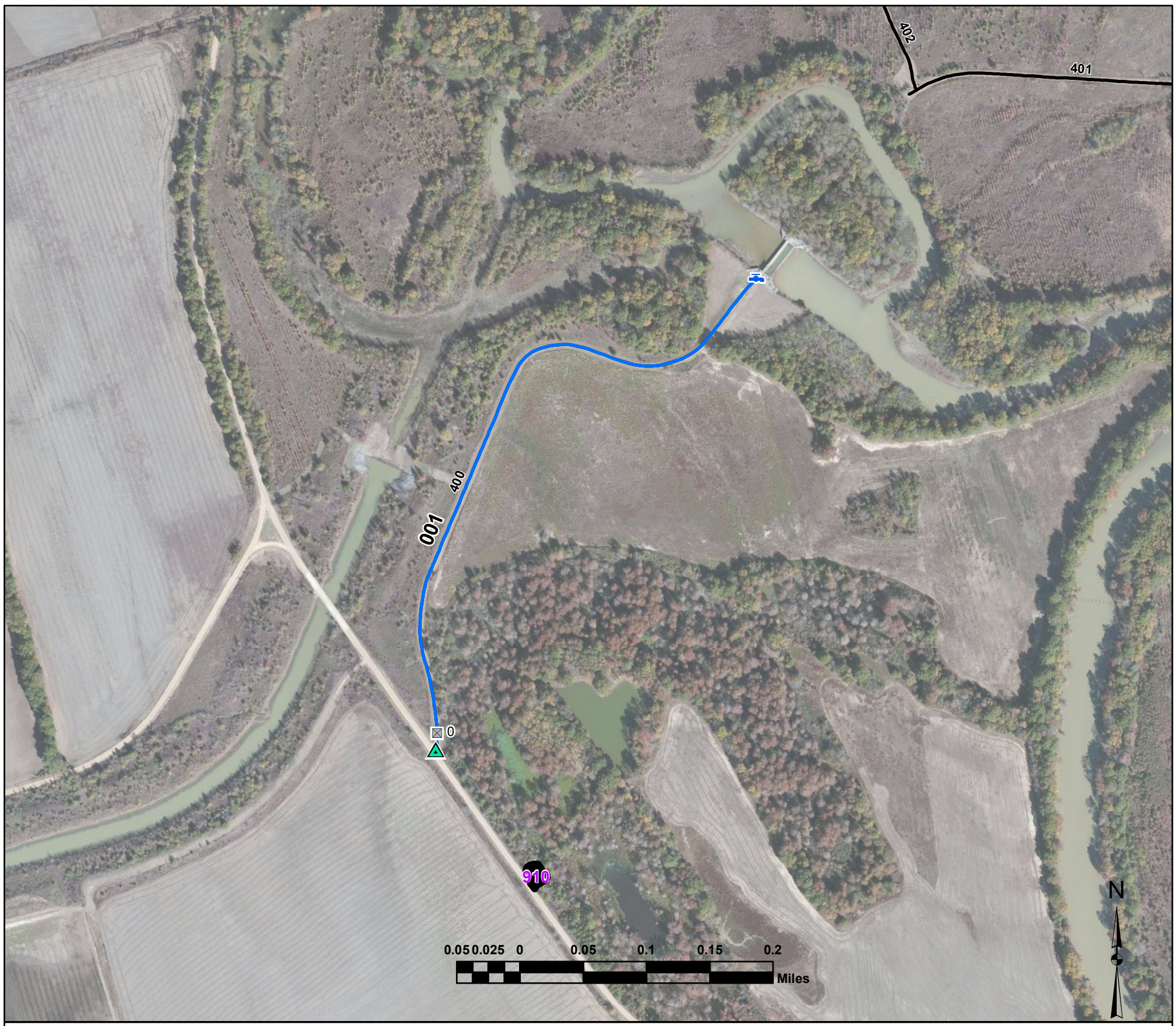
From Horse Barn Loop (Route 010) to Cypress Parking (Route 914)

Route Number: 108

Total Route Mileage: 0.16

Asset Number	-				
Section Number	001				
Section Length (miles)	0.16				
Inspection Date	05-18-2011				
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	10				
Condition	Good				
Remaining Service Life (years)	7				
Estimated Cost to Repair	$200				
Current Replacement Value	$96,700				

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Culvert	001-0.08						
Turnout/Parking	001-0.16						



Corps Road

From Mabus Road to water control structure

Route Number: 400

Total Route Mileage: 0.51

Asset Number	10044519				
Section Number	001				
Section Length (miles)	0.51				
Inspection Date	05-18-2011				
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	12				
Condition	Excellent				
Remaining Service Life (years)	8				
Estimated Cost to Repair	$0				
Current Replacement Value	$313,100				

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Gate	001-0.01						
Water Control Structure	001-0.51						

Perkins Ridge Road

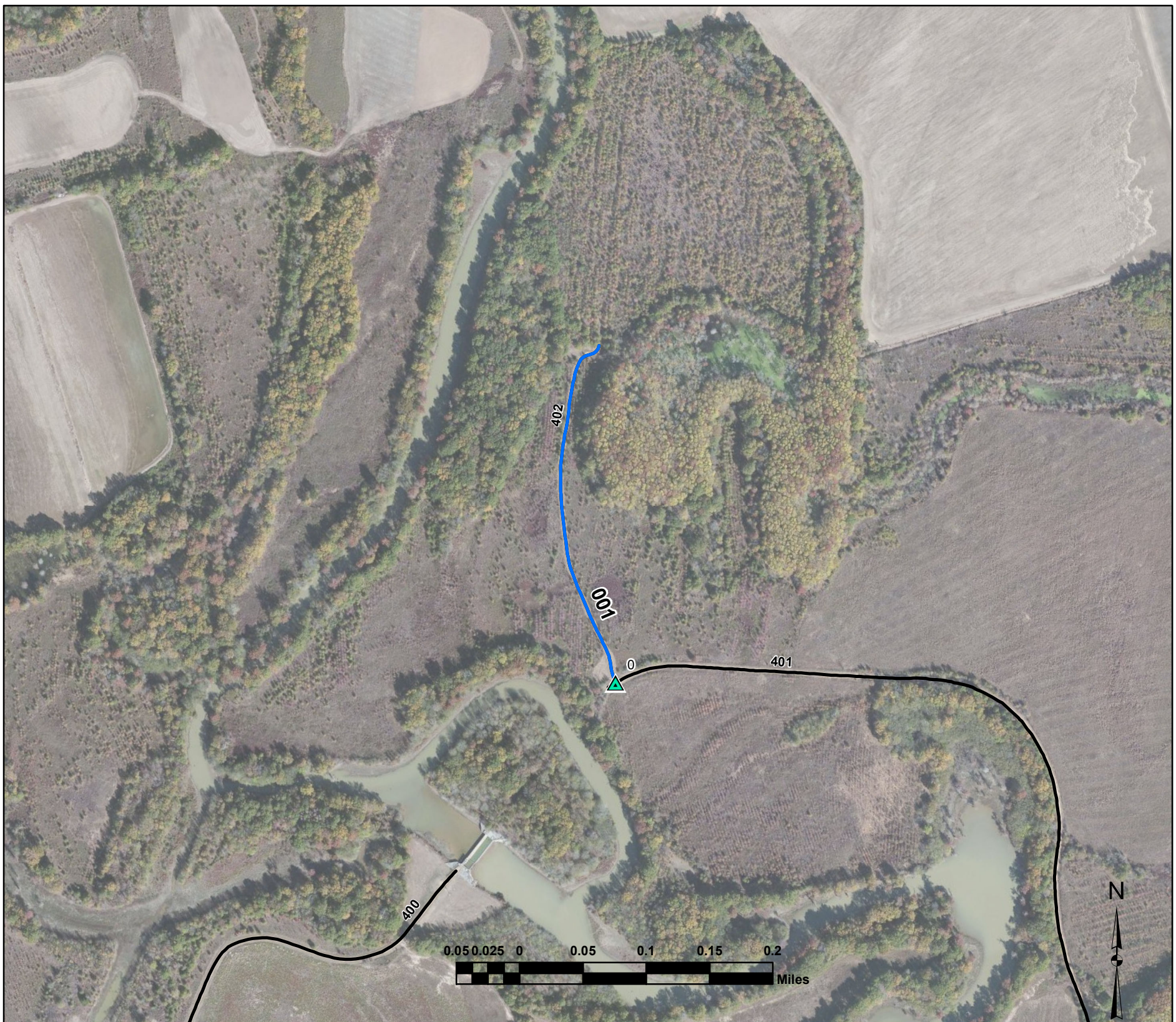
From Shaw Road to Tupelo Road (Route 402)

Route Number: 401

Total Route Mileage: 1.42

Asset Number	10044521	10044521			
Section Number	001	002			
Section Length (miles)	0.97	0.45			
Inspection Date	05-18-2011	05-18-2011			
Surface Type	Gravel	Gravel			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
Condition	Excellent	Excellent			
Remaining Service Life (years)	8	9			
Estimated Cost to Repair	$0	$0			
Current Replacement Value	$598,000	$277,300			

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Gate	001-0.0						
Culvert	001-0.7						
Begin Section	002-0.97						
Culvert	002-1.0						
Culvert	002-1.09						
Intersection	002-1.41						



Tupelo Road

From Perkins Ridge Road (Route 401) to end of road

Route Number: 402

Total Route Mileage: 0.26

Asset Number	-				
Section Number	001				
Section Length (miles)	0.26				
Inspection Date	05-18-2011				
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	10				
Condition	Excellent				
Remaining Service Life (years)	9				
Estimated Cost to Repair	$0				
Current Replacement Value	$162,800				

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						

Walker Tract Access Road

From Bushy Creek Drive to end of loop

Route Number: 403

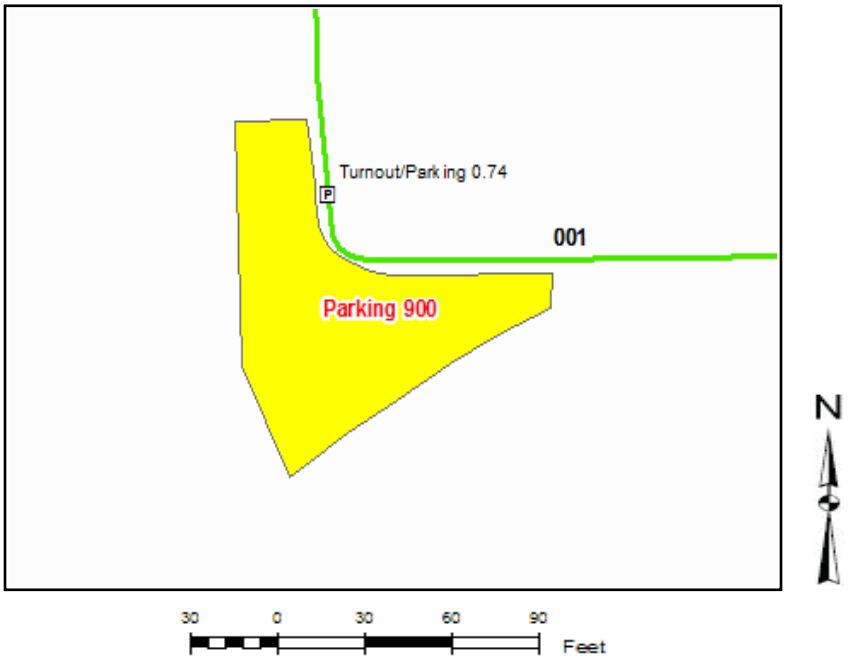
Total Route Mileage: 2.06

Asset Number	10056984	10056984			
Section Number	001	002			
Section Length (miles)	0.98	1.08			
Inspection Date	05-18-2011	05-18-2011			
Surface Type	Gravel	Gravel			
Number of Lanes	1	1			
Roadway Width (feet)	10	10			
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Estimated Cost to Repair	$1,400	$1,600			
Current Replacement Value	$604,100	$664,800			

Features	Mile Post	Features	Mile Post	Features	Mile Post	Features	Mile Post
Begin Section	001-0.0						
Bridge	001-0.06						
Gate	001-0.06						
Water Control Structure	001-0.14						
Low Water Crossing	001-0.23						
Low Water Crossing	001-0.96						
Begin Section	002-0.98						

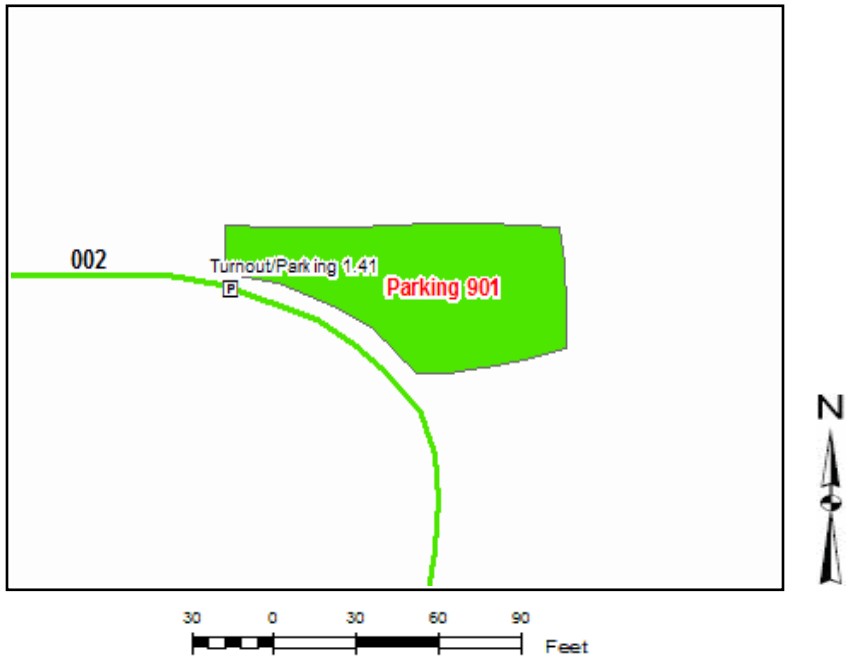
900: Horse Barn Loop Parking #1

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10044522	05/18/2011	Gravel	7,061	Fair	1,700



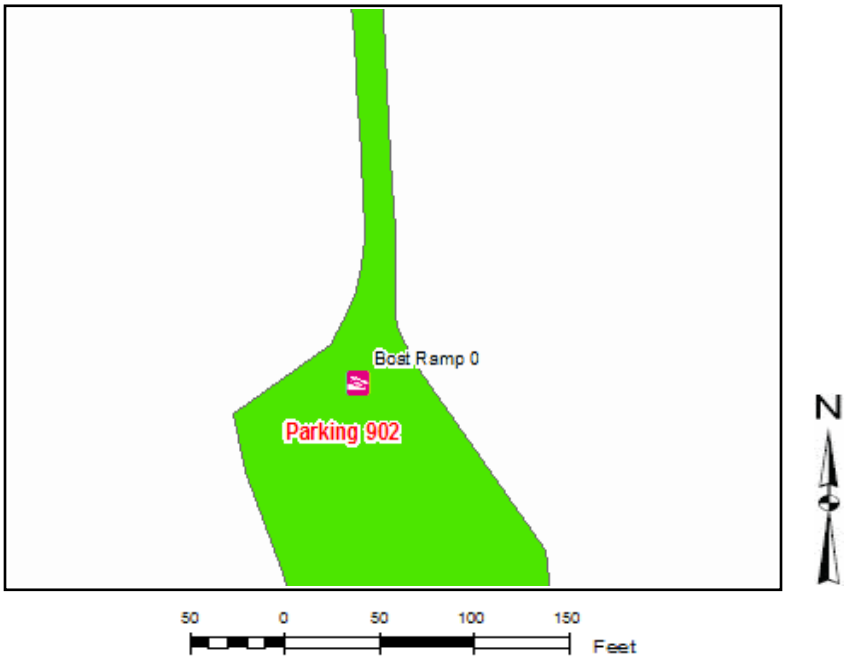
901: Horse Barn Loop Parking #2

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10044524	05/18/2011	Gravel	5,775	Good	800



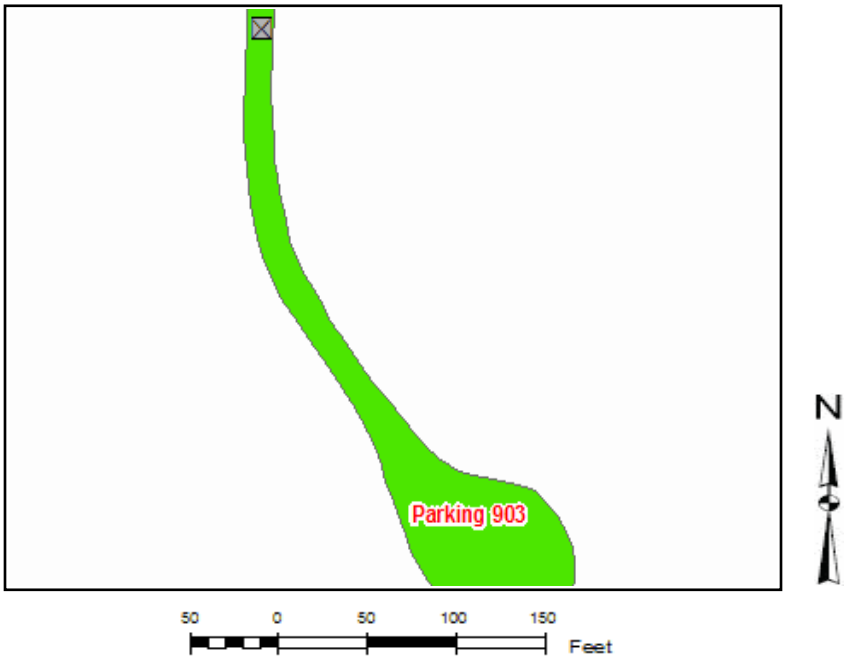
902: State Route 8 Boat Ramp Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10044526	05/18/2011	Gravel	27,842	Good	3,700



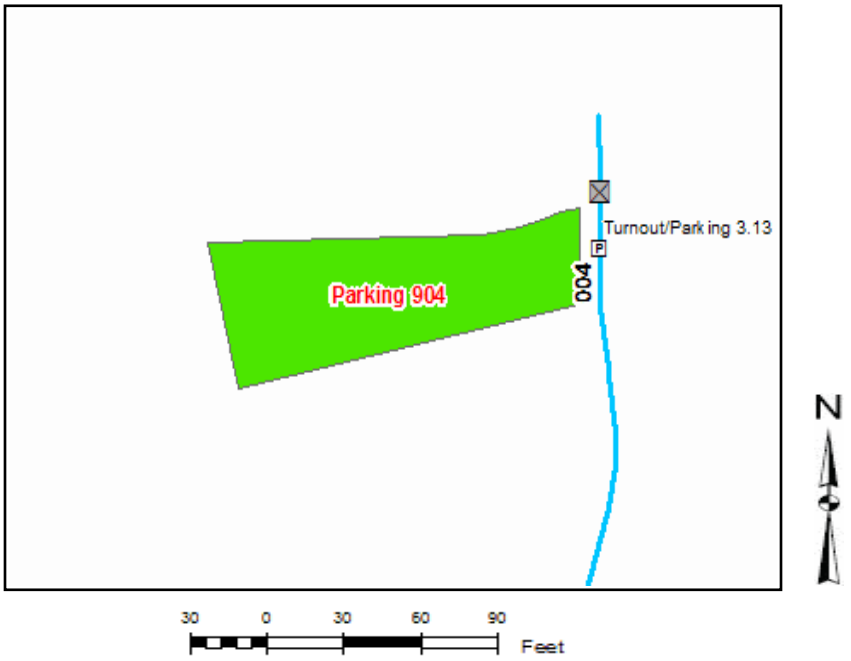
903: Grain Bin Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10049185	05/18/2011	Gravel	15,843	Good	2,100



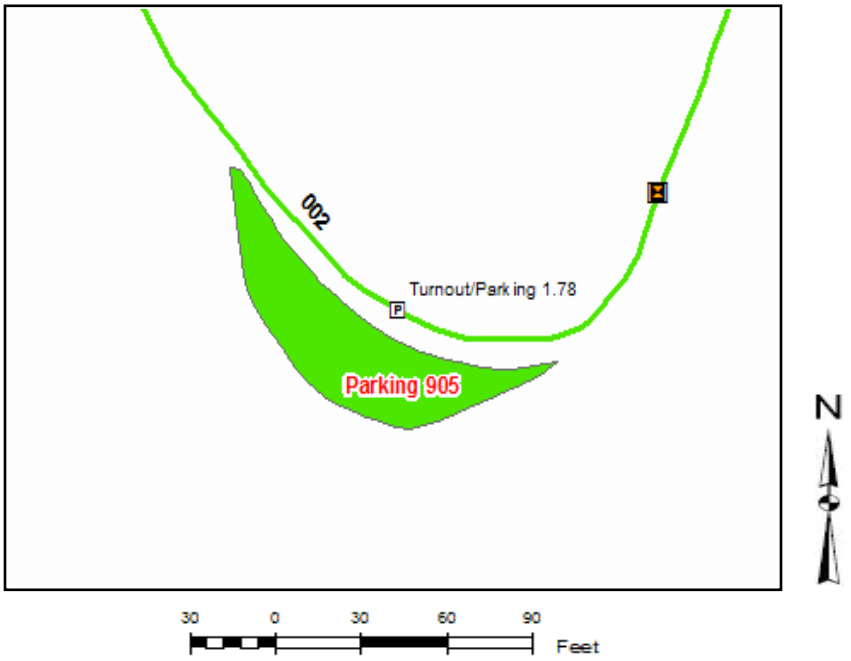
904: Horse Barn Loop Parking #6

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10049184	05/18/2011	Gravel	7,405	Good	1,000



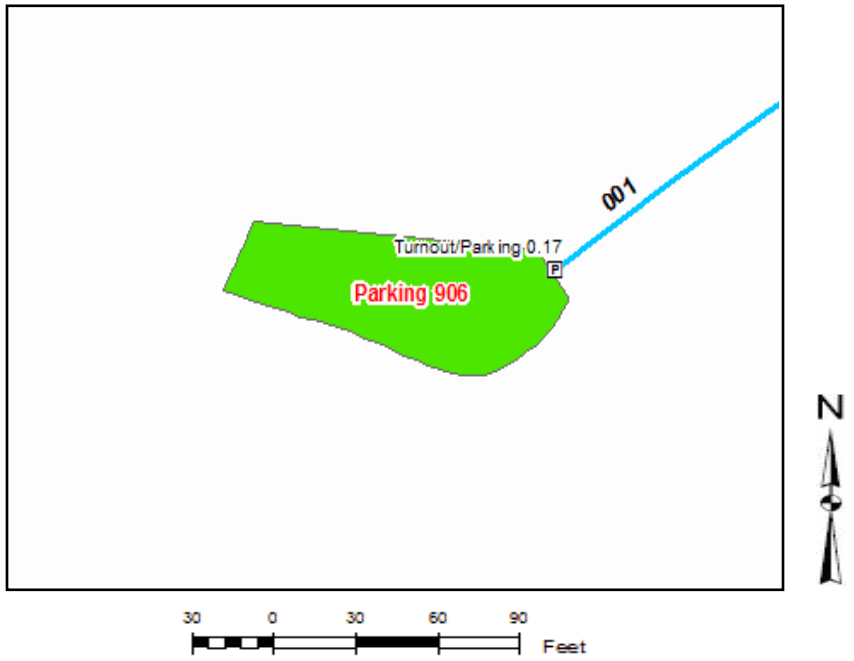
905: Horse Barn Loop Parking #3

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Gravel	3,461	Good	500



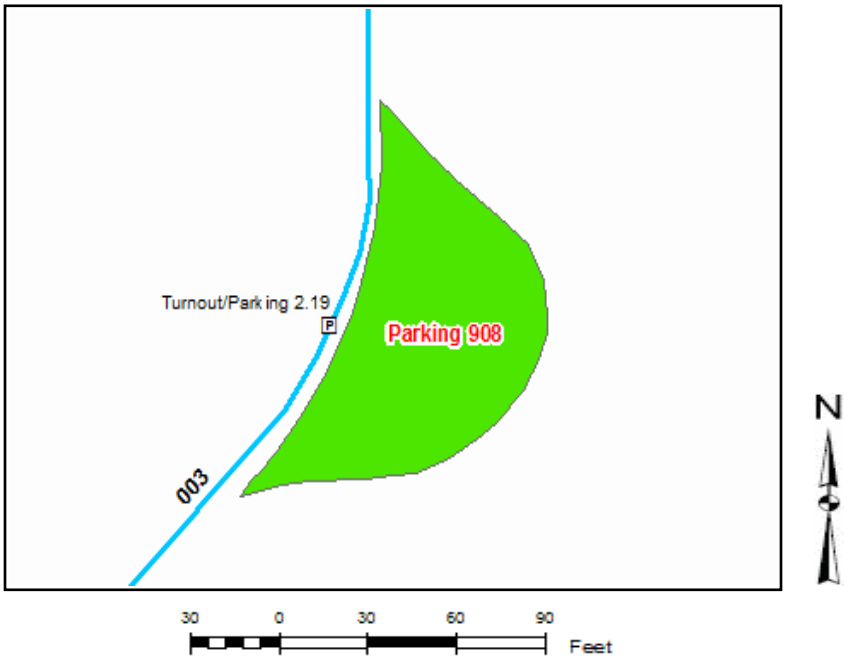
906: Horse Barn Loop Cutoff Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Gravel	5,439	Good	700



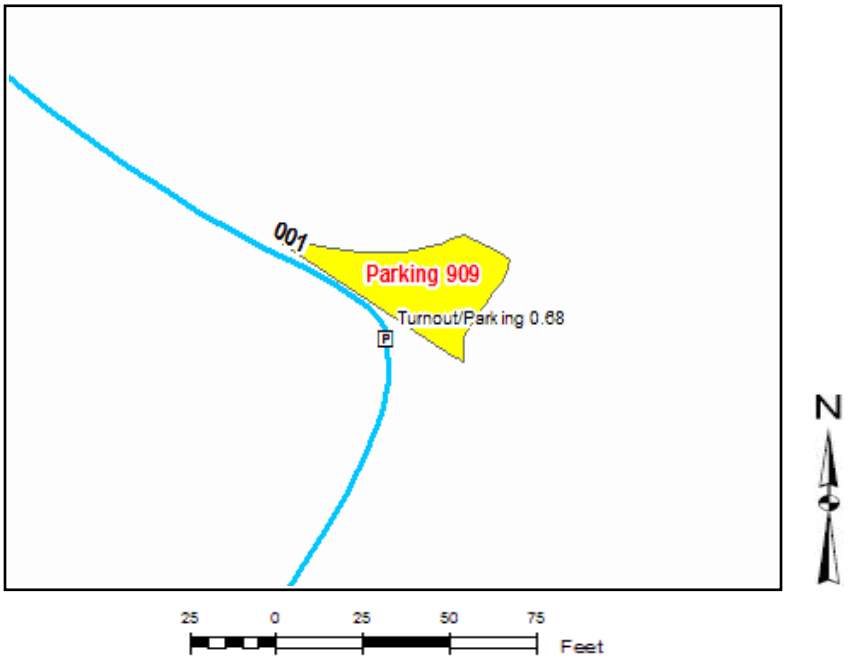
908: Horse Barn Loop Parking #5

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Native	7,594	Good	1,000



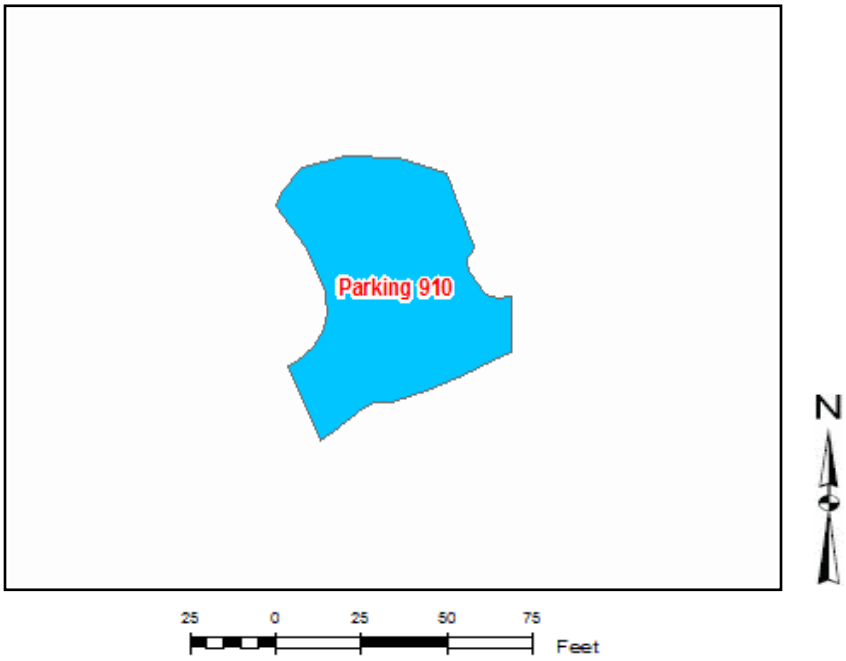
909: South Entrance Parking #1

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	06/09/2006	Native	1,267	Fair	300



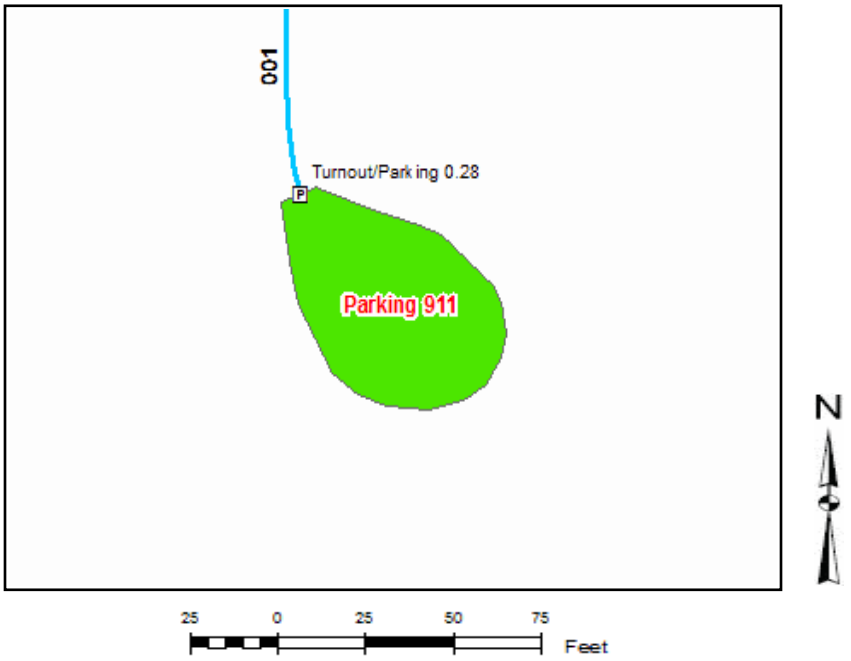
910: Boardwalk Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10061268	05/18/2011	Gravel	4,285	Excellent	0



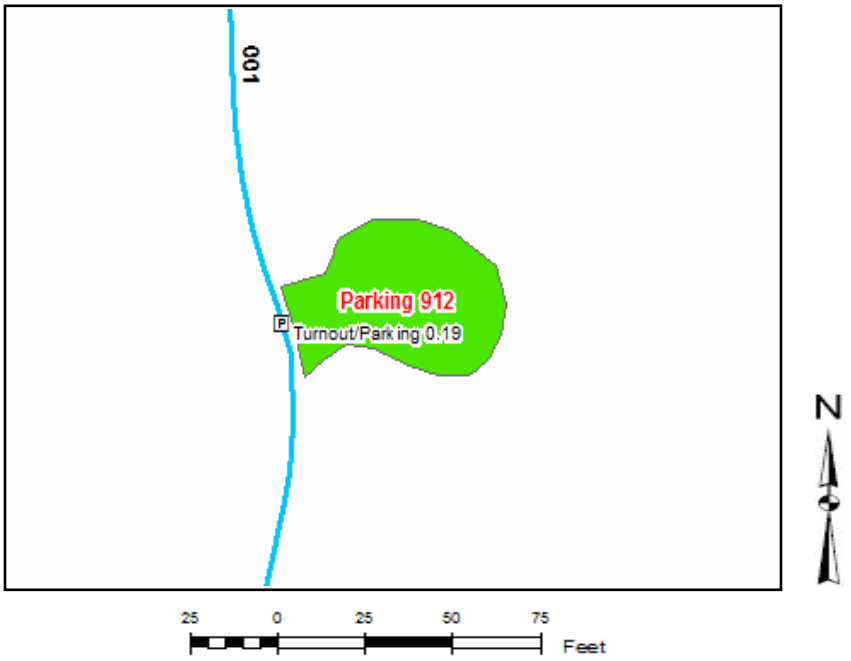
911: Sayle Parking #2

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Gravel	3,302	Good	400



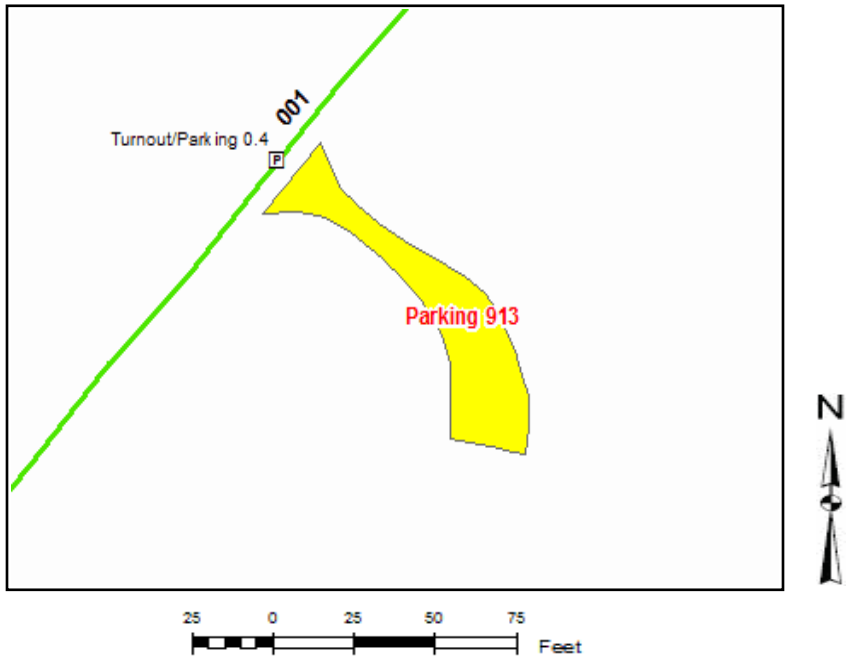
912: Sayle Parking #1

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Gravel	2,480	Good	300



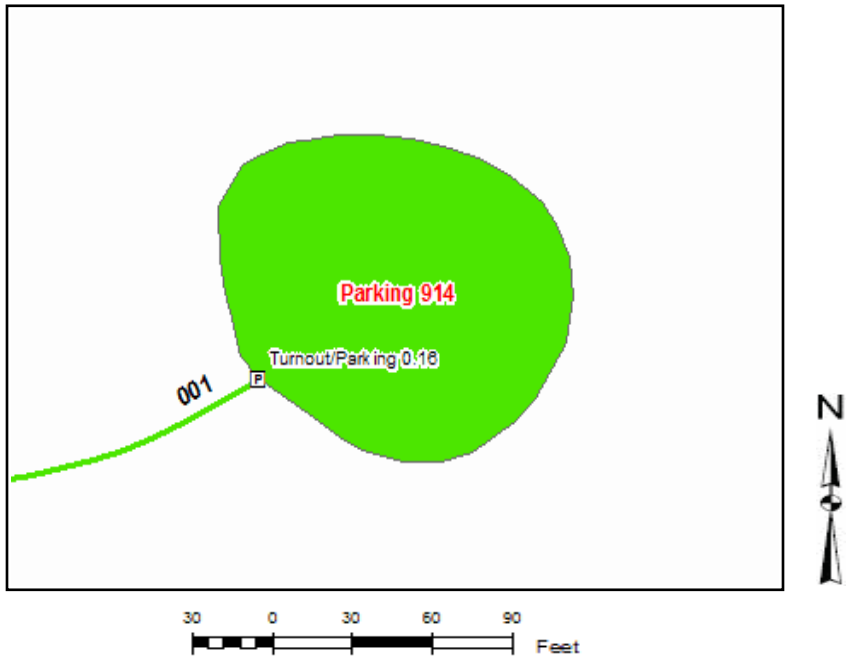
913: Tippo Trail North Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Gravel	2,128	Fair	500



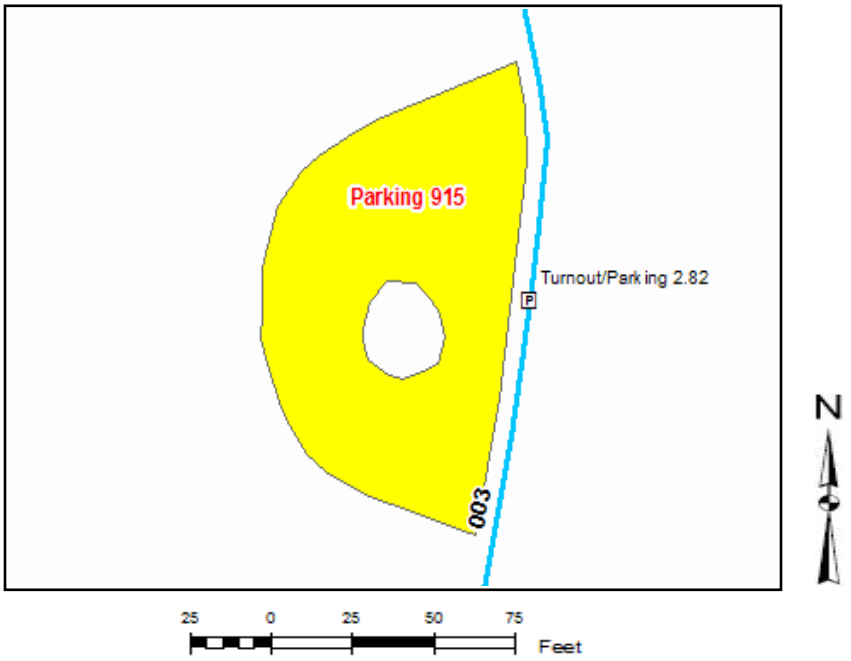
914: Cypress Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Native	15,215	Good	2,000



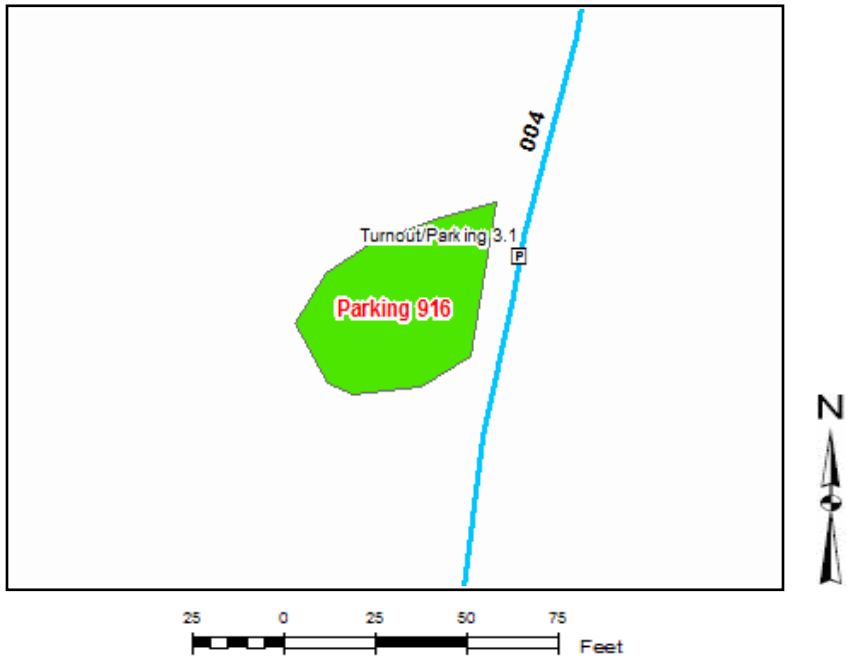
915: Horse Barn Loop Parking #8

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Native	9,425	Fair	2,200



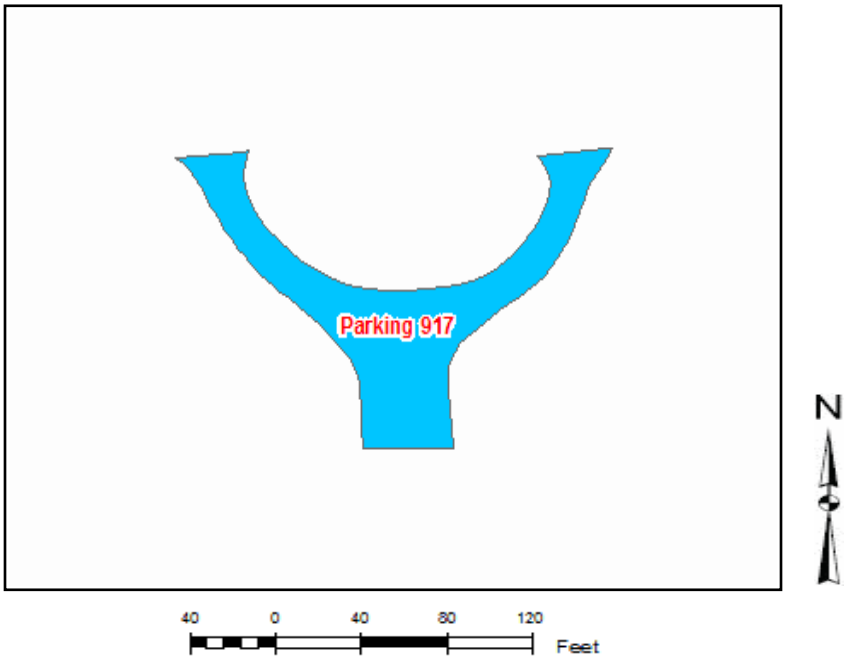
916: Horse Barn Loop Parking #7

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Native	2,251	Good	300



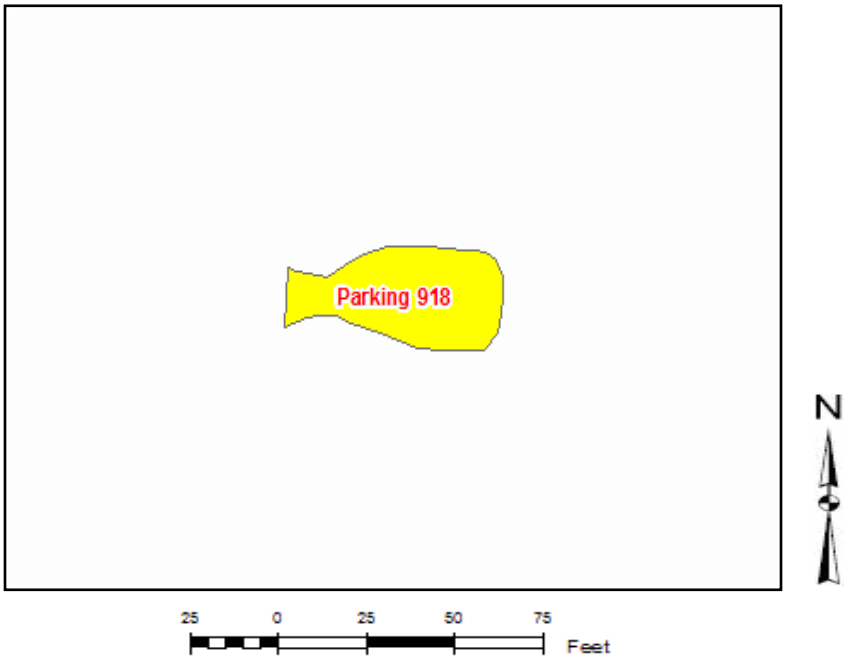
917: Fishing Pier parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
10061850	05/18/2011	Gravel	8,721	Excellent	0



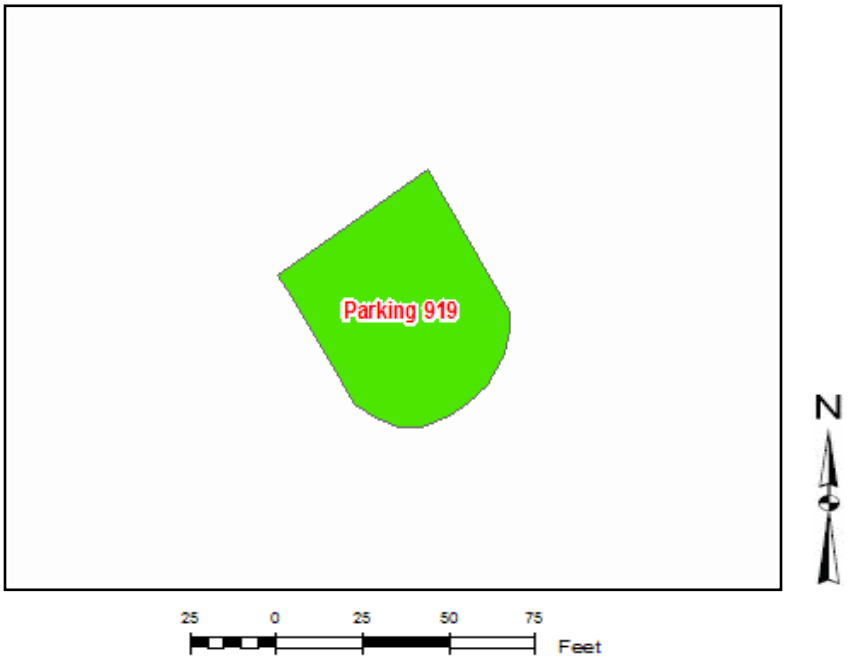
918: Gwin Tract Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/18/2011	Native	1,633	Fair	400



919: Robertson Tract Parking

Asset Number	Date Visited	Surface Type	Area (Sq Ft)	Condition	Cost to Improve
	05/20/2011	Native	3,644	Good	500



Tallahatchie Bridge Inventory					
Route #	Milepost	NBIS #	Sufficiency Rating	Functionally Obsolete	Structurally Deficient
403	0.06	N/A	N/A	N/A	N/A

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 010 ROUTE NAME: Horse Barn Loop

Photo # TALL_C4_0066 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 010 ROUTE NAME: Horse Barn Loop

Photo # TALL_C4_0078 - MP 0.97 - Begin Section 002

ROUTE NUMBER: 010 ROUTE NAME: Horse Barn Loop

Photo # TALL_C4_0096 - MP 1.97 - Begin Section 003

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 010 ROUTE NAME: Horse Barn Loop

Photo # TALL_C4_0113 - MP 2.95 - Begin Section 004

ROUTE NUMBER: 100 ROUTE NAME: South Entrance Road

Photo # TALL_C4_0041 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 100 ROUTE NAME: South Entrance Road

Photo # TALL_C4_0053 - MP 0.96 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 105 ROUTE NAME: Horse Barn Loop Cutoff

Photo # TALL_C4_0106 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 106 ROUTE NAME: Sayle Road

Photo # TALL_C4_0021 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 106 ROUTE NAME: Sayle Road

Photo # TALL_C4_0023 - MP 0.20 - Round Culvert Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 107 ROUTE NAME: Dummy Line Road

Photo # TALL_C4_0034 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 107 ROUTE NAME: Dummy Line Road

Photo # TALL_C4_0037 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 108 ROUTE NAME: Cypress Road

Photo # TALL_C4_0097 - MP 0.00 - Begin Section 001

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 400 ROUTE NAME: Corps Road

Photo # TALL_C4_0006 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 401 ROUTE NAME: Perkins Ridge Road

Photo # TALL_C4_0011 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 401 ROUTE NAME: Perkins Ridge Road

Photo # TALL_C4_0015 - MP 0.97 - Begin Section 002

FEATURES PHOTOGRAPHS

ROUTE NUMBER: 402 ROUTE NAME: Tupelo Road

Photo # TALL_C4_0020 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 403 ROUTE NAME: Walker Tract Access Road

Photo # TALL_C4_0125 - MP 0.00 - Begin Section 001

ROUTE NUMBER: 403 ROUTE NAME: Walker Tract Access Road

Photo # TALL_C4_0133 - MP 0.98 - Begin Section 002

Accident Summary

Number of Accidents Reported	Timespan of Accidents	Injuries	Fatalities
0	No Accidents to Report	0	0

APPENDIX

TABLE 1 - GENERAL FWS ROAD FUNCTIONAL CLASSIFICATION	
Class I	Principal Refuge Road (Public Roads) - Routes that constitute the main access route, main auto tour route, or thoroughfare for refuge visitors. These routes are accessible by 2WD vehicles. Routes are numbered from 10 to 99.
Class II	Connector Refuge Road (Public Roads) - Routes that provide circulation within the refuge. These routes can also provide access to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, education centers, etc. These routes are accessible by 2WD vehicles. Routes are numbered from 100 to 199.
Class III	Special Purpose Refuge Road (Public Roads) - Roads that provide circulation within special use areas such as campgrounds or public concessionaire facilities or access to remote areas of the refuge. These routes may not be 2WD accessible. Routes are numbered from 200 to 299
Class IV	Administrative Access Road (Administrative Roads) - Routes intended for access to administrative developments or structures such as maintenance offices, employee quarters, or utility areas. These routes are accessible by 2WD vehicles. These routes may restrict access to the general public. Routes are numbered from 300 to 399.
Class V	Restricted Road (Administrative Roads) - Routes normally closed to the public, such as maintenance roads, service roads, patrol roads, and fire breaks. These routes may be open to the public for a short period of time for a special use, such as hunting access. These routes may not be 2WD accessible. Routes are numbered from 400 to 499.

A refuge road system contains those routes within or giving access to a refuge or other unit of the FWS that are administered by the FWS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a refuge road is not based on traffic volumes or design speed, but on the intended use or function of that route

DESCRIPTION OF RATING SYSTEM

Rating Data is collected on four different surface types: Asphalt, Concrete, Gravel, and Native. The Utah LTAP Center's Remaining Service Life (RSL) system is used for all surface types. The RSL system is based on the Strategic Highway Research Program's (SHRP) Distress Identification Manual.

Asphalt Rating System

Data is collected on the following distresses and conditions:

- **Fatigue Cracking** - Interconnected cracks forming small irregular shapes.
- **Longitudinal Cracking** - Cracks running parallel with the roadway, in the direction of traffic.
- **Transverse Cracking** - Cracks perpendicular to the roadway, going across the lane or lanes.
- **Block Cracking** - Interconnected cracks forming large blocks.
- **Edge Cracking** – Cracks running along the edge of the pavement surface.
- **Patches** - Original surface repaired with new asphalt patch material.
- **Potholes** - Holes or depressions in the pavement.
- **Rutting** - surface depressions in the wheel paths.
- **Roughness –** Evenness of pavement for serviceability.
- **Drainage** – Ability of the road surface to drain water based on proper slope.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula

Fatigue, longitudinal, transverse, block, and edge cracking, along with patching and potholes are rated on a 0 - 9 scale (0 = no distress, 9 = maximum distress). The rating given is based on the extent and the severity of the distress. Rutting, roughness, and drainage are rated on a 0 - 3 scale (0 = excellent, 3 = poor). Each distress type has given Remaining Service Life (RSL) values (in years) based on the rating for that particular distress. The distress with the rating resulting in the lowest RSL value is considered to be the governing distress. That value is then assigned as the RSL of the road segment.

Concrete Rating System

Data is collected on the following distresses and conditions:

- **Spalling of Joints** – Chipping, breaking, or cracking of slab edges
- **Joint Seal Damage** – Any damage or condition that enables materials or water to infiltrate into the joint from the surface.
- **Corner Breaks** – A portion of the slab separated by a crack that intersects the adjacent transverse and longitudinal joints, forming approximately a 45° angle to the direction.
- **Broken Slabs** – Faulting and/or cracking localized to individual slabs.

- **Faulting** – Difference in elevation across a crack or joint.
- **Longitudinal Cracking** – Cracks in the pavement running parallel to road.
- **Transverse Cracking** - Cracks in the pavement running perpendicular to the direction of traffic.
- **Patch Deterioration** – Faulting, settling, or cracking of previously placed patch
- **Map Cracking** – A series of cracks that extend only into the upper surface of the Slab

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula
The rating procedure for concrete pavement is the same as that for asphalt pavement described previously. Each of the distresses described above are rated on the same 0 – 9 scale. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

Gravel and Native Rating System

Data is collected on the following distresses and conditions:
- **Cross Section (Crown)** - Roadway built so that the center is higher than the shoulder, to prevent water from pooling on roadway.
- **Roadside Drainage** - Roadside ditches and culverts to handle water flow and prevent pooling on the roadside.
- **Corrugations (Washboarding)** - Small trenches or holes developing perpendicular to the roadway.
- **Potholes** - Holes or depressions in the roadway.
- **Rutting** - Depressions running parallel with the roadway, in the wheelpaths.
- **Dust** - Amount of dust caused by traffic.
- **Loose Aggregate (Gravel Only)** - Loose gravel, typically piled up on the roadway edges or centerline.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

Rating Index Formula
The rating procedure for unpaved roads is the same as that for asphalt and concrete pavements described previously. Of the distresses described above, corrugations, potholes, rutting, and loose aggregate are rated on the same 0 – 9 scale previously mentioned. Cross section, roadside drainage, and dust are rated on the same 0 – 3 scale described for asphalt pavement. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

Condition Descriptions by Surface Type

The following definitions are used to describe pavement condition for the various surface types. These are general guidelines for condition indications.

Asphalt

Excellent – Recently constructed or overlaid road where construction or overlay was performed correctly- No maintenance required. RSL = 19-20 years.

Good – Low extent longitudinal and transverse cracks. All cracks are 1/4" or less with little or no crack erosion. Patches are in good condition and applied correctly. Routine Maintenance recommended. RSL = 13-18 years.

Fair - Roads are in good structural condition with little or no fatigue cracking. Longitudinal, transverse, and edge cracking is at medium extent and severity. Block cracking is not extensive. Any patches are in good condition. Preventative maintenance recommended. RSL = 7-12 years.

Poor - Road beginning to show signs of structural distress. Fatigue cracking is medium to high extent and medium severity. Cracking will be severe. Surface may have severe block cracking and show. Patches are in fair to poor condition. There is moderate distortion or rutting and occasional potholes. Rehabilitation recommended. RSL = 1-6 years.

Failed - Road is severely deteriorated. Signs of structural failure appear along with severe and extensive fatigue cracking, distortion, potholes, or extensive patches in poor condition. Reconstruction recommended. RSL = 0 years.

Concrete

Excellent - New pavement. No maintenance required. RSL = 19-20 years

Good - First signs of transverse cracking, patch or repair, more extensive pop-outs, or scaling. Sealing or routine maintenance recommended. RSL = 13-18 years.

Fair – Pavement has join or crack spalling, and/or faulting, along with cracking at corners with broken pieces. Any Patches are in fair condition and faulting is at a minimum. Preventative maintenance recommended. RSL = 7-12 years.

Poor - Joints and cracks are open 1 inch, spalled, or patched. Faulting is more severe. Rehabilitation recommended. RSL = 1-6 years.

Failed - Most slabs have failed structurally, and faulting is severe. Reconstruction recommended. RSL = 0 years.11-9

The following table shows the relationship between RSL and condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Asphalt and Concrete Pavements)								
	FAILED	POOR		FAIR		GOOD		EXCELLENT
RSL Years	0	1-3	4-6	7-9	10-12	13-15	16-18	19-20

Gravel and Native

Note - Native surfaces do not have a gravel layer.

Excellent - Newly constructed road that has been constructed properly with proper crown, drainage and gravel layer. Little or no distress. No maintenance recommended. RSL = 8-10 years.

Good - Crown, drainage provisions, and gravel layer are in good condition. Distress limited to traffic effects such as dust, loose aggregate, and low severity corrugations (wash boarding). RSL = 5-7 years.

Fair - Adequate drainage and crown through majority of roadway. Crown repair, ditch improvement may be necessary. Road has more severe corrugations and potholes. Preventative maintenance recommended. RSL = 3-4 years.

Poor - Travel at slow speeds is necessary. Additional gravel layer needed to carry traffic. Poor crown. Ditching is inadequate and rutting is extensive and severe. Rehabilitation recommended. RSL = 1-2 years.

Failed - Travel is difficult, and road may be closed at times. Rutting and Corrugations are very severe. Total Reconstruction of road is recommended. RSL = 0 years.

The following table shows the RSL values for gravel and native roads in terms of excellent, good, fair, poor, and failed condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Gravel and Native Surfaces)					
	FAILED	POOR	FAIR	GOOD	EXCELLENT
RSL Years	0	1-2	3-4	5-7	8-10

NATIVE PRIMITIVE/IMPROVED RATING SHEET

Cross Section (Crown)*

Severity	Condition		Description
	No Defects	0	Crown 4-6" with no restriction of water flow from centerline to ditch.
	Minor Defects	1	Inadequate or inconsistent crown. Drainage to ditch may be restricted.
	Moderate Defects	2	Flat crown, drainage to ditch restricted.
	Major Defects	3	Reverse crown, bowl-shaped road, drainage on roadway

Rutting

Severity	No Defects	Extent (Length) Low <10%	Med 10-30%	High >30%
Low < 6"		1	2	3
Med 6-12"		4	5	6
High > 12"		7	8	9

Roadside Drainage*

Severity	Condition		Description
	No Defects	0	Wide, deep ditches (>4') with no restriction to water flow.
	Minor Defects	1	Adequate ditches (>2' deep), minor obstructions restrict water flow.
	Moderate Defects	2	Shallow, narrow and obstructed ditches. Minor erosion of road.
	Major Defects	3	No ditch, drainage on roadway with moderate to severe erosion.

Potholes

Severity	No Defects	Extent (Area) Low <10%	Med 10-30%	High >30%
Low < 6"		1	2	3
Med 6-12"		4	5	6
High > 12"		7	8	9

Dust

Severity	Condition		Description
	No Defects	0	No obstruction to sight distance.
	Minor Defects	1	Sight distance > 550'
	Moderate Defects	2	Sight distance 225'-550'
	Major Defects	3	Sight distance < 225'

Corrugations

Severity	No Defects	Extent (Length) Low <10%	Med 10-30%	High >30%
Low < 3"		1	2	3
Med 3-6"		4	5	6
High > 6"		7	8	9

* Crown and Drainage are not rated for roads that have no constructed crown or drainage. This applies to Native and Gravel roads.

GRAVEL RATING SHEET

Cross Section (Crown)

Severity	Condition		Description
	No Defects	0	Crown 4-6" with no restriction of water flow from centerline to ditch.
	Minor Defects	1	Inadequate or inconsistent crown. Drainage to ditch may be restricted.
	Moderate Defects	2	Flat crown, drainage to ditch restricted.
	Major Defects	3	Reverse crown, bowl-shaped road, drainage on roadway

Rutting

Severity	No Defects	Extent (Length) Low <10%	Med 10-30%	High >30%
Low < 1"		1	2	3
Med 1-3"		4	5	6
High > 3"		7	8	9

Roadside Drainage

Severity	Condition		Description
	No Defects	0	Wide, deep ditches (>4') with no restriction to water flow.
	Minor Defects	1	Adequate ditches (>2' deep), minor obstructions restrict water flow.
	Moderate Defects	2	Shallow, narrow and obstructed ditches. Minor erosion of road.
	Major Defects	3	No ditch, drainage on roadway with moderate to severe erosion.

Potholes

Severity	No Defects	Extent (Area) Low <10%	Med 10-30%	High >30%
Low < 1"		1	2	3
Med 1-3"		4	5	6
High > 3"		7	8	9

Dust

Severity	Condition		Description
	No Defects	0	No obstruction to sight distance.
	Minor Defects	1	Sight distance > 550'
	Moderate Defects	2	Sight distance 225'-550'
	Major Defects	3	Sight distance < 225'

Corrugations

Severity	No Defects	Extent (Length) Low <10%	Med 10-30%	High >30%
Low < 2"		1	2	3
Med 2-4"		4	5	6
High > 4"		7	8	9

* Crown and Drainage are not rated for roads that have no constructed crown or drainage. This applies to Native and Gravel roads.

Loose Aggregate

Severity	No Defects	Extent (Area) Low <10%	Med 10-30%	High >30%
Low < 1"		1	2	3
Med 1-3"		4	5	6
High > 3"		7	8	9

ASPHALT RATING SHEET

Fatigue Cracking

Severity	No Defects	Extent: Low 1 crack WP	Extent: Med 2 cracks WP	Extent: High >30% length
Low-Cracks < 1/4"		1	2	3
Med-Cracks 1/4-3/4"		4	5	6
High-Cracks > 3/4"		7	8	9

Edge Cracking

Severity	No Defects	Extent (Length): Low <10%	Extent (Length): Med 10-30%	Extent (Length): High >30%
0-6" from curb		1	2	3
6-18" from curb		4	5	6
> 18" from curb		7	8	9

Longitudinal Cracking

Severity	No Defects	Extent: Low 1 crack full length	Extent: Med 2 cracks full length	Extent: High >2 cracks full length
Low-Cracks < 1/4"		1	2	3
Med-Cracks 1/4-3/4"		4	5	6
High-Cracks > 3/4"		7	8	9

Block Cracking

Severity	No Defects	Extent (Length): Low > 15x15' squares	Extent (Length): Med 15-10' squares	Extent (Length): High <10x10' squares
Low-Cracks < 1/4"		1	2	3
Med-Cracks 1/4-3/4"		4	5	6
High-Cracks > 3/4"		7	8	9

Transverse Cracking

Severity	No Defects	Extent (ft between cracks): Low > 200'	Extent (ft between cracks): Med 200-50'	Extent (ft between cracks): High < 50'
Low-Cracks < 1/4"		1	2	3
Med-Cracks 1/4-3/4"		4	5	6
High-Cracks > 3/4"		7	8	9

Utility Cuts

Severity	No Defects	Extent (Length): Low <10%	Extent (Length): Med 10-30%	Extent (Length): High >30%
Low-Cracks < 1/4"		1	2	3
Med-Cracks 1/4-3/4"		4	5	6
High-Cracks > 3/4"		7	8	9

Drainage/Roughness/Rutting

Severity	Condition		Description
	No Defects	0	Wide, deep ditches with no obstructions, smooth ride, no rutting, no potholes.
	Minor Defects	1	Drainage may be obstructed, < 1" rutting, minor roughness.
	Moderate Defects	2	Poor drainage, 1-2" rutting, noticeable roughness, potholes < 6" wide.
	Major Defects	3	No drainage; > 2" rutting; potholes 6-12" wide create roughness requiring reduced speeds.

CONCRETE RATING SHEET

Spalling of Joints

Extent (% joints)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low Spalls < 3"	1	2	3
	Med Spalls 3-6"	4	5	6
	High Spalls > 6"	7	8	9

Broken Slabs

Extent (% slabs)

Severity	No Defects	Low <5%	Med 5-15%	High >15%
	Low-no more than 3 pieces, no spalling/faulting	1	2	3
	Med-broken into >3 pieces, spalling/faulting <1/4"	4	5	6
	High-4 or more pieces, spalling/faulting >1/4"	7	8	9

Transverse Cracks

Extent (% slabs)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low-Cracks < 1/8"; no spalling/faulting	1	2	3
	Med-Cracks 1/8-1/2"; spall <3", fault >1/4"	4	5	6
	High-Cracks > 1/2"; spall >3", fault >1/4"	7	8	9

Joint Seal Damage

Extent (%joints)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low <10% joint length	1	2	3
	Med 10-50% joint length	4	5	6
	High >50% joint length	7	8	9

Faulting

Extent (Length)

Severity	No Defects	Low <10%	Med 10-30%	High >30%
	Low < 1/2"	1	2	3
	Med 1/2-1"	4	5	6
	High > 1"	7	8	9

Patch Deterioration

Extent (Area)

Severity	No Defects	Low <10%	Med 10-30%	High >30%
	Low-no fault, no settle at perimeter	1	2	3
	Med-fault & settle <1/4" at perimeter	4	5	6
	High-fault & settle >1/4" at perimeter, cracked patch	7	8	9

Corner Breaks

Extent (% of slabs)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low-corner cracks, no spalling or faulting	1	2	3
	Med-crack slightly spalled & faulted <1/4"	4	5	6
	High-crack highly spalled & faulted >1/4"	7	8	9

Longitudinal Cracks

Extent (% slabs)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low-Cracks < 1/8"; no spalling/faulting	1	2	3
	Med-Cracks 1/8-1/2"; spall <3", fault >1/2"	4	5	6
	High-Cracks > 1/2"; spall >3", fault >1/2"	7	8	9

Map Cracks

Extent (Area)

Severity	No Defects	Low <10%	Med 10-20%	High >20%
	Low-small connected cracks, no spalling	1	2	3
	Med-connected cracks, no spalling	4	5	6
	High-large connected cracks with surface spalling	7	8	9

Deficiency Ratings With Associated Remaining Service Life

Asphalt Rating Sheet

Fatigue Cracking	
Distress Rating	Remaining Service Life
0	20
1	10
2	8
3	6
4	8
5	6
6	4
7	6
8	2
9	0

Edge Cracking	
Distress Rating	Remaining Service Life
0	20
1	12
2	10
3	8
4	10
5	8
6	6
7	8
8	6
9	4

Transverse Cracking	
Distress Rating	Remaining Service Life
0	20
1	14
2	12
3	10
4	12
5	10
6	8
7	10
8	6
9	2

Utility Cuts	
Distress Rating	Remaining Service Life
0	20
1	14
2	12
3	10
4	12
5	10
6	8
7	10
8	6
9	2

Longitudinal Cracking	
Distress Rating	Remaining Service Life
0	20
1	14
2	12
3	10
4	12
5	10
6	8
7	10
8	8
9	6

Block Cracking	
Distress Rating	Remaining Service Life
0	20
1	12
2	10
3	8
4	10
5	8
6	6
7	12
8	6
9	2

Drainage/Roughness/Rutting	
Distress Rating	Remaining Service Life
0	20
1	16
2	10
3	4

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE IN YEARS (Asphalt & Concrete Roads)

RSL	FAILED 0	POOR 1 - 6	FAIR 7 - 12	GOOD 13 - 18	EXCELLENT 19 - 20

Concrete Rating Sheet

Spalling	
Distress Rating	Remaining Service Life
0	20
1	15
2	12
3	10
4	12
5	10
6	8
7	10
8	6
9	0

Broken Slabs	
Distress Rating	Remaining Service Life
0	20
1	15
2	12
3	10
4	12
5	10
6	8
7	10
8	6
9	0

Transverse Cracks	
Distress Rating	Remaining Service Life
0	20
1	18
2	15
3	12
4	15
5	10
6	6
7	10
8	4
9	0

Joint Seal Damage	
Distress Rating	Remaining Service Life
0	20
1	16
2	14
3	12
4	14
5	10
6	8
7	12
8	8
9	6

Faulting	
Distress Rating	Remaining Service Life
0	20
1	15
2	12
3	10
4	12
5	8
6	6
7	10
8	4
9	0

Patch Deterioration	
Distress Rating	Remaining Service Life
0	18
1	16
2	14
3	12
4	12
5	10
6	8
7	10
8	6
9	0

Corner Breaks	
Distress Rating	Remaining Service Life
0	18
1	16
2	14
3	12
4	12
5	10
6	8
7	10
8	6
9	0

Longitudinal Cracks	
Distress Rating	Remaining Service Life
0	20
1	18
2	15
3	12
4	15
5	10
6	6
7	10
8	4
9	0

Map Cracks	
Distress Rating	Remaining Service Life
0	20
1	18
2	15
3	12
4	12
5	10
6	6
7	10
8	4
9	0

Deficiency Ratings With Associated Remaining Service Life

Native Primitive Improved Rating Sheet

Cross Section	
Distress Rating	**Remaining Service Life**
0	10
1	7
2	5
3	0

Rutting	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	5
4	7
5	4
6	3
7	4
8	2
9	0

Roadside Drainage	
Distress Rating	**Remaining Service Life**
0	10
1	8
2	4
3	0

Potholes	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	5
4	7
5	4
6	3
7	4
8	2
9	0

Dust	
Distress Rating	**Remaining Service Life**
0	10
1	8
2	6
3	2

Corrugations	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	7
4	6
5	5
6	5
7	4
8	3
9	0

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE IN YEARS (Gravel & Native Roads)

RSL	FAILED 0	POOR 1 - 2	FAIR 3 - 4	GOOD 5 - 7	EXCELLENT 8 - 10

Gravel Rating Sheet

Cross Section	
Distress Rating	**Remaining Service Life**
0	10
1	7
2	5
3	0

Rutting	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	5
4	7
5	4
6	3
7	4
8	2
9	0

Roadside Drainage	
Distress Rating	**Remaining Service Life**
0	10
1	8
2	4
3	0

Potholes	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	5
4	7
5	4
6	3
7	4
8	2
9	0

Dust	
Distress Rating	**Remaining Service Life**
0	10
1	8
2	6
3	2

Corrugations	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	7
3	7
4	6
5	5
6	5
7	4
8	3
9	0

Loose Aggregate	
Distress Rating	**Remaining Service Life**
0	10
1	9
2	8
3	7
4	8
5	7
6	6
7	5
8	3
9	0